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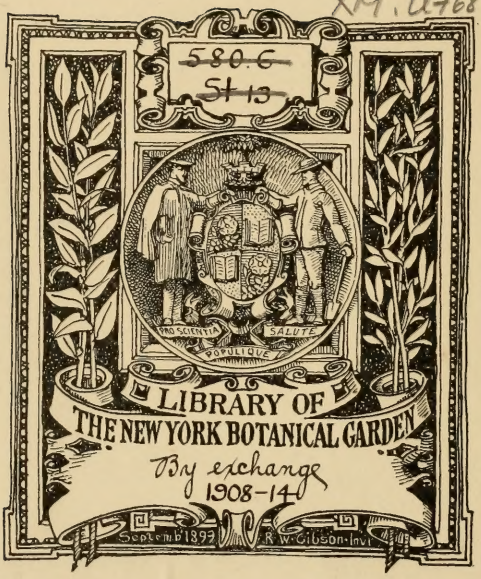

MUSEUM BULLETIN

OF THE

STATEN ISLAND ASSOCIATION

OF

ARTS AND SCIENCES

VOLUME I

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Including Numbers 1 to 72
August 1908 to July 1914

Edited for the Publication Committee
by
CHARLES LOUIS POLLARD, Aug. 1908 to Dec. 1913
and
ARTHUR HOLLICK, Jan. to July 1914

New Brighton, N. Y.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE
BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF.

No. 1. PUBLISHED MONTHLY, AUGUST, 1908.

THE purpose of this publication is primarily to keep members in touch with the growing activities of the Association. It will serve as an official medium for general notices and items of business transacted by the Board of Trustees, announcements of meetings, names of new members, etc.; and it will also chronicle briefly what may be of interest at the Museum, calling attention to important exhibits and accessions. For the present the BULLETIN will consist of a single page, and will be printed by amateur labor on the Museum press. Later, we trust it may be enlarged and improved as circumstances warrant. It will be sent free to all members of the Association and to our exchanges. Additional copies may be obtained at the Museum.

THE full text of Section 2, Article III, of the By-laws, as amended at the special meeting of the Association on July 21, and that of the new By-law adopted at the annual meeting, will be found in the supplement issued with this number of the BULLETIN. The following persons were elected to membership at a special meeting of the Board of Trustees held July 21, after adoption by the Association of the amendment conferring this power:

Mrs. Bertha Kunz Baker, New Brighton; Joseph J. Barth, Stapleton; Rev. Chas. S. Burch, Mrs. Chas. S. Burch, Richmond; Miss Gertrude Clark, Oakwood; Miss Elizabeth B. Curtis, West New Brighton; Benjamin F. Funk, West New Brighton; Rev. Geo. C. Lenington, Tompkinsville; John Macrae, Stapleton; James C. Marriott, West New Brighton; Miss Mary B. Millspaugh, Richmond; Mrs. Emily Sears, New Brighton; Alexander D. Shaw, New York; John W. Tilley, New Brighton.

THERE has been some misunderstanding among the newer members as to the bills sent out in May. The Treasurer calls attention to the fact that the fiscal year begins in May, and that all annual dues date from that month. As will be seen by reference to the above-mentioned By-law, the amounts paid by members when elected count as entrance fees, and cover merely the period from the time of election to the beginning of the succeeding fiscal year.

AS recently announced in *The Staten Islander,* an arrangement has been concluded with Mr. Arthur E. Bostwick, Chief of the Circulating Department of the New York Public Library, whereby the Association will be privileged to hold its meetings in the reading room of the St. George branch, undertaking in return to maintain continuous exhibits in the display cases there. The exhibits will be changed at intervals; those now in the library include a fine collection of exotic butterflies, the gift of Mr. Chas. P. Benedict, and a number of historical relics, antiques, etc., loaned or donated by various members.

THE Board on June 9 approved the application of Messrs Davis, Skinner, Chapin, Cleaves and Pollard, for permission to form a Section of Biology under the terms of By-law VIII. The new Section, first on the list, was organized June 17. Any member of the Asssociation interested in biology is entitled to enrollment by notifying the Chairman, Mr. Pollard. Only those so enrolled will receive notice of meetings of the Section.

MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

SUPPLEMENT TO NO. 1 AUGUST, 1908.

BY-LAW III, SECTION 2

As amended July 21, 1908.

Active Members: Active members shall be members of the Corporation and be not less than fifteen yeas of age. Nominations for active membership shall be made and seconded in writing, and the nominees shall be voted for by ballot at the next stated meeting of the Board of Trustees or at a special meeting of the Board called for that purpose, and three negative votes shall reject. Each active member shall on election pay an entrance fee of three dollars ($3.00) if elected previous to the stated meeting of the Board in January, or one dollar and fifty cents ($1.50) if elected at or subsequent to the January meeting and prior to the stated meeting in April, and thereafter annual dues of three dollars ($3.00) payable at the beginning of each fiscal year. The entrance fee shall be remitted if members be elected at or subsequent to the stated meeting in April and prior to the annual meeting of the Association. Active members shall be entitled to vote at all meetings of the Association; to receive free one copy of each publication issued by the Association; to have free admission and access to the museum and library of the Association at all reasonable times; and to have special terms of admission to all lectures or other entertainments given under the auspices of the Association. Any active member one year in arrears of dues shall by reason thereof stand suspended from the privileges of membership until such arrears of dues are paid, and if these are not paid within six months thereafter such member may be dropped from the roll by a majority vote of the trustees present at any meeting of the Board.

BY-LAW VIII

Adopted May 16, 1908.

Sections: Any five or more members of the Association may at any time, with the approval of the Board of Trustees, organize a section for the study or exploitation of special topics within the scope of the Association. Such sections may hold meetings at their convenience, choose such officers as they may deem necessary, and transact business incident to the objects for which they are organized; but they shall incur no expense and assume no responsibility in the name of the Association, except as specifically authorized by the Board of Trustees. Membership in the sections shall be limited to members of the Association, and any member shall be entitled to membership in any of the sections.

MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE
BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF.

No. 2. PUBLISHED MONTHLY. SEPTEMBER, 1908.

THE NEXT stated meeting of the Board of Trustees will be held on October 3. All proposals for membership should be in the hands of the Secretary on or before that date. This is especially important, because new members admitted at that time will be entitled to the reduced rate on tickets for the concert and lecture course to be given by the Association. A letter of announcement concerning the course, together with a membership application blank, is sent out with this issue of the BULLETIN.

A NEW exhibit illustrating various biological facts and phenomena is in preparation, and portions of it are already on view. It will include examples of variation, heredity, mutation, protective mimicry, dimorphism, etc. In the same case is an interesting group entitled "Insect Architecture."

ATTENTION is also directed to the display in the Museum of documents relating to the burning of the Quarantine buildings, which occurred fifty yars ago this month. Another fifty-year anniversary of interest, that of the laying of the first Atlantic cable, took place in August. A piece of this cable may be seen among our exhibits at the St. George library.

THE committees of the Association for the year 1908-9 are as follows:

Executive: Howard R. Bayne, Arthur Hollick, C. A. Ingalls, ex officio; Wm. H. Mitchill, George S. Humphrey.

Auditing: John De Morgan, Stafford C. Edwards.

Publication: Philip Dowell, Wm. T. Davis, Arthur Hollick.

Accessions: Charles L. Pollard, S. McK. Smith, Ira K. Morris.

Museum and Sibrary: Wm. T. Davis, Charles P. Benedict, Stafford C. Edwards, Arthur Hollick, Alanson B. Skinner.

Women's Auxiliary: Mrs. Arthur Hollick, Mrs. S. McK. Smith, Mrs. F. W. Skinner, Mrs. T. Livingstone Kennedy, Mrs. Bertha Kunz Baker.

Concert and Lecture: S. McK. Smith; Howard R. Bayne, ex officio; D. L. Bardwell, Charles L. Pollard, and the members of the Women's Auxiliary Committee.

In the above list, the person first named on each committee is the chairman thereof. The only other standing committee, that of Arts and Antiquities, is omitted because some reorganization will be necessary, owing to the recent resignation of the chairman, Mr. Osborn M. Curtis, who feels obliged to give his entire time this fall to professional duties. We regret very much that the Association is thus to be deprived of Mr. Curtis' services on this committee. The success of the art loan exhibit at the opening of the Museum last spring was due largely to his active efforts.

IT MAY be well to remind members that the public days of the Museum are Tuesdays, Thursdays, and Saturdays (except holidays) from ten until five o'clock. Members should adhere to these hours when they wish to take visitors to the Museum.

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MUSEUM BULLETIN
OF THE
Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE
BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF.

No. 3. PUBLISHED MONTHLY. OCTOBER, 1908.

NOTICE

THE OCTOBER meeting of the Association will be held in the reading room of the St. George Branch, New York Public Library, on Saturday evening, October 17, 1908, at eight o'clock. Members wishing to present communications as part of the regular program, are requested to notify the undersigned in advance of the meeting.

ARTHUR HOLLICK,
Secretary.

IT IS important that members should read the BULLETIN carefully, and preserve the numbers for reference, as no other notices of meetings will be sent out.

THE following persons were elected to active membership in the Association by the Board of Trustees at its meeting on October 3:

Bradford B. Babbitt, Mrs. Bradford B. Babbitt, Mrs. D. L. Bardwell, Miss Mary A. M. Bayne, Mrs. George R. Boynton, James McBrien, Leonard McC. L. Mitchill, Miss Edith M. Woodruff, Miss Zillah Heidenheim, all of New Brighton; Frank Hankinson, James Harrigan, William L. Sexton, West New Brighton; Mrs. Marcel Kahle, Tompkinsville; Charles M. Shipman, Rossville; Louis W. Levy, New York.

The resignations of Dwight H. Day and H. W. Doremus were accepted.

THE Concert and Lecture Committee has completed arrangements for the attractive course of entertainments to be initiated by the concert of the Olive Mead Quartet on Tuesday evening, October 13. Season tickets may still be obtained from Mr. S. McK. Smith, Hamilton Park, New Brighton; also at the Museum: and at the door on the night of the concert. Members should try to interest their friends in this course not only for the sake of the Association, but because artists of such caliber have seldom appeared on Staten Island and deserve ample recognition.

Those who do not wish to subscribe for the entire course may buy admission tickets at the door. The price of these is one dollar; of season tickets, three dollars. The dates are October 13 and 29, November 10 and 23.

PURSUANT to a resolution of the Board of Trustees adopted October 3 the Museum will be open to the public Monday evenings from 7:30 to 10 o'clock until further notice, in addition to the regular days. This will afford opportunity for inspection to many who are unable to visit the Museum during the day.

LACK of space compels us to defer till the next issue description of a number of interesting accessions which have come to the Museum recently.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE
BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF.

No. 4. PUBLISHED MONTHLY. NOVEMBER, 1908.

THE NOVEMBER MEETING of the Association will be held in the reading room of the St. George Branch, New York Public Library, on Saturday evening, November 21, 1908, at eight o'clock. Members wishing to present communications as part of the regular program, are requested to notify the undersigned in advance of the meeting.

ARTHUR HOLLICK,
Secretary.

DURING the early fall months a number of changes have been made in the arrangement of exhibits in the Museum, and several new exhibits have been installed. Nine pairs of Indian moccasins, illustrating workmanship of the Cree, Ojibway, Seneca, Cayuga and Mohawk tribes, have been loaned by Mr. Skinner. The north wall case in the reading room of the St. George library now contains a series of photographs of Indian life, including also some pen and ink sketches by a young Indian youth; these are likewise a loan from Mr. Skinner. Mr. Leavitt C. Parsons has loaned a large series of potsherds from the ancient Pueblo cliff dwellings of the Southwest; these fill two of the table cases in the Museum, and are of interest to the art lover as well as to the archeologist, on account of the wonderful variation shown in the patterns of decoration. Mr. Parsons himself arranged the sherds so as to illustrate his theory that even the most complex decorative design is based on some primitive theme or motif drawn from natural objects or phenomena.

An exhibit of the cocoons of various silkworms has recently been installed, completing the "Insect Architecture" series. The beautiful exotic butterflies given by Mr. Benedict are now displayed in wall cases in the alcoves, where they add greatly to the appearance of the room. Mr. Benedict has continued his munificent gifts of Lepidoptera, so that our collection of these insects bids fair to become a notable one.

The collection of old prints and manuscripts has been entirely rearranged, and a number of additions have been made.

IN DECEMBER Miss Pollard, Museum Assistant, will give a series of Saturday afternoon talks on animal life to children of the middle and upper grades, the subjects being as follows: December 5, "Marine Animals"; December 12, "Insects"; December 19, "Birds and Reptiles"; December 26, "Mammals". These talks will begin promptly at four o'clock, and will not exceed half an hour. They will be illustrated by museum specimens.

THE ATTENDANCE of children during the past month has been very gratifying, and indicates that the Museum is already beginning to supply a distinct need in our educational system. The average attendance for October was 20; the maximum, 58, on October 29. Fully three-fourths were children. The Monday evening opening has not, so far, proved successful.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE
BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF.

No. 5. PUBLISHED MONTHLY. DECEMBER, 1908.

THE DECEMBER MEETING of the Association will be held in the reading room of the St. George Branch, New York Public Library, on Saturday evening, December 19, 1908, at eight o'clock. Members wishing to present communications as part of the regular program, are requested to notify the undersigned in advance of the meeting.

ARTHUR HOLLICK,
Secretary.

IT IS with great pleasure that we announce to members of the Association the final adoption by the Board of Aldermen of the city budget for the coming year, including an appropriation of $4000 for the care and maintenance of our Museum. The city officials have been prompt to recognize that the Association fulfilled its promises and opened its museum to the public within eight months after receiving an appropriation for equipment and in less than six months after Room 309 became available for its use. That the Museum has been a source of interest and profit to the Staten Island public may be gathered from the fact that the total attendance of visitors recorded between May 23 and November 30, 1908, was 1242: and this notwithstanding the dullness of the summer season and the fact of the Museum being open but three days in the week.

THE FOLLOWING persons were elected to membership in the Association by the Board of Trustees at a special meeting held November 16:

Mrs. Charles Humphrey, Mr. Emil F. Kipper, Miss Lucy J. Kipper, Rev. Arthur Sloan, New Brighton; Rev. Edward J. Russell, West New Brighton; Mr. William M. Halloran, Mr. Charles Schaefer, Port Richmond; Mr. John J. Driscoll, Mr. H. C. Johnston, Tompkinsville; Mrs. Edward C. Bridgman, Stapleton, Dr. A. J. Grout, New Dorp; Mr. James Nolan, Great Kills.

THE FIRST of the Saturday afternoon talks to children took place in the Museum on December 5. The attendance was 96, which taxed our seating capacity. Camp chairs were provided the following week; the attendance on this occasion was 71. The children have apparently been much interested, both in the talks and in the specimens with which they have been illustrated. One little girl, however, remarked disappointedly that she thought there were to be moving pictures!

There will be two more talks in the present course, on December 19 and 26. In January a new course, probably on "Outdoor Life in Winter" will be commenced.

THE MUSEUM is still open on Monday evenings, from 7:30 until 10 o'clock.

MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE
BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF.

No. 6. PUBLISHED MONTHLY. JANUARY, 1909

THE NEXT MEETING OF THE ASSOCIATION

will be held in the reading room of the St. George Branch, New York Public Library, on Saturday evening, January 16, 1909, at eight o'clock. Members wishing to present communications as part of the regular program, are requested to notify the undersigned in advance of the meeting.

ARTHUR HOLLICK,
Secretary.

AT THE stated meeting of the Board of Trustees on January 2, the following were elected to active membership: Mrs. Mary L. Janeway, Miss Agnes L. Pollard and Miss Edith M. Pollard, of New Brighton; Mr. Thos. C. Horton, Stapleton.

The Board voted to change the public hours of the Museum so that it might be open a portion of each day. As we go to press, however, the matter is in abeyance pending the approval of the Commissioner of Public Works, as required under our constitution. Due announcement will be made when the change goes into effect.

At the close of the Board meeting a supper in honor of Senator Howard R. Bayne, President of the Association, was tendered to the trustees and a few other guests by the Curator-in-chief, at his residence in Jackson Park.

THE MUSEUM is indebted to Mr. Frederic A. Lucas, Curator-in-chief of the Brooklyn Institute Central Museum, for his kindness in printing for us a set of small outline maps to be used with biological and other exhibits where it is important to indicate geographic distribution. Our thanks is also extended to Miss Anna B. Gallup, Curator of the Children's Museum, for the loan of charts to illustrate one of the Saturday lectures. The latter, by the way, will be resumed as soon as necessary arrangements can be completed.

WE HOPE to announce at the coming meeting of the Association a very valuable gift to the Museum in the department of anthropology, the donor having already made an informal presentation on the social occasion above referred to. We may point out in this connection that it is the purpose of the BULLETIN to chronicle every important accession, and this will be supplemented, whenever desirable, by a further notice at the meetings. Frequently, however, it is scarcely advisable to exhibit an object prior to its display in the Museum, as this would certainly detract from its interest there; and many accessions consist of material useful for study but unsuitable for exhibition. We give space to this explanation because a desire has been expressed for greater publicity in regard to the accessions. It is needless to add that the accession record in the Museum is always open to inspection.

THE ART Committee has been reorganized under the chairmanship of Mrs. T. Livingstone Kennedy.

MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE
BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 7. PUBLISHED MONTHLY. FEBRUARY, 1909.

THE NEXT MEETING OF THE ASSOCIATION

will be held in the reading room of the St. George Branch, New York Public Library, on Saturday evening, February, 20, 1909, at eight o'clock. Members wishing to present communications as part of the regular program, are requested to notify the undersigned in advance of the meeting.

ARTHUR HOLLICK,
Secretary.

WE ANNOUNCE with great pleasure two important accessions to the Museum. The first is a gift from Mr. Alanson Skinner, and consists of a large collection of ethnological material illustrative of the life and customs of the Iroquois Indians of Central New York. This has been on exhibition in the Museum since the public opening, and has attracted very great interest. It will now be withdrawn for cataloguing, and will later be again displayed and provided with full descriptive labels. In consideration of the value of this gift, the Board of Trustees elected Mr. Skinner a Patron on January 23.

The other collection is a large and very representative series of alcoholic specimens, including snakes, lizards and batrachians from all parts of the world. It was made by Mr. Charles Myers, of New York City, who offered it for sale at a price considerably below its actual value. As the funds of the Association were not available for the purchase, the Curator-in-chief was authorized to solicit special subscriptions, and the following members of the Association generously responded to his request: Mrs. George William Curtis, Messrs. Howard R. Bayne, Charles P. Benedict, Read Benedict, Bruno Benziger, Thomas Craig, William T. Davis, S. M. Dix, Philip Dowell, L. W. Faber, J. D. Hage, Arthur M. Harris, Samuel A. Henszey, George S. Humphrey, C. W. Hunt, A. K. Johnston, Walter C. Kerr, William H. Mitchill, W. A. Shortt, S. McK. Smith, L. L. Tribus, William S. Van Clief, and William G. Willcox. The thanks of the Curator-in-chief are extended to these members for making possible the acquisition of this important collection, which includes some specimens not to be found in other New York museums. We have no doubt that many other members of the Association would have gladly contributed, if it had been necessary to ask their assistance.

An exhibit will soon be prepared illustrating the important poisonous and non-poisonous snakes of this vicinity, so that those interested may have an opportunity of learning how to distinguish between them. In addition to the reptiles, there are included in the Myers' collection about 300 beetles and other insects; some birds' eggs and nests; a 20-drawer cabinet; and numerous entomological implements.

AT ITS LAST MEETING the Board of Trustees elected the following persons to membership: Mrs. John Quincy Adams, New Brighton; Mrs. William G. Willcox and Frank G. McCreery, West New Brighton; Miss Annie Fraser Wood, Tompkinsville; and Mrs. Park J. White, Green Ridge.

THE NEW HOURS for the Museum have been announced in the local press. It is open from 1 to 5 P. M. on Tuesdays, Wednesdays, Thursdays and Fridays; and from 10 A. M. to 5 P. M. on Saturdays. It is closed on Sundays, Mondays, and holidays. The office of the Curator-in-chief is open for business purposes daily during the regular city hours.

MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 8. Published Monthly at New Brighton, N. Y. MARCH, 1909.

THE NEXT MEETING OF THE ASSOCIATION

will be held in the **Museum in Borough Hall,** on Saturday evening, March 20, 1909, at eight o'clock. Use the Jay Street Entrance.

ARTHUR HOLLICK,
Secretary.

THE FOLLOWING persons were elected to membership by the Board of Trustees on March 5: Dr. John Quincy Adams, Mr. John P. Ilsley, Mrs. John P. Ilsley, Mr. W. F. Reardon, all of New Brighton; Mr. Nathan J. Lowe, Tottenville. The resignations of Messrs. Adolph C. Knothe, Amzi T. Rogers and Edwin A. Stumpp were accepted. The application of certain members of the Association for permission to form a Section of Art was granted.

THE NEW Section of Art was formally organized in the Museum on March 10. Dr. John Quincy Adams was unanimously elected Chairman of the Section, and the old Art Committee was reappointed as the Committee on Exhibits of the Section of Arts, with Mrs. T. L. Kennedy as chairman. A committee on permanent organization was appointed, to report at the next meeting. After the business was concluded Mrs. William G. Willcox read a paper on "Lowestoft ware."

It is expected that the activities of this Section will have a wide range, and that it will hold meetings at intervals, and will arrange for special lectures on various art topics. Members of the Association interested are cordially invited to enroll their names in the Section. No additional dues are required, but enrollment is necessary to insure the receipt of notices of meetings, etc. Enrollment may be addressed to the Staten Island Association of Arts and Sciences, Section of Art, Borough Hall, New Brighton.

THE FINAL COURSE of Saturday talks in the Museum will begin March 20, when Dr. Hollick will speak on "How rocks are formed." This course is intended for advanced pupils, such as those in the eighth grade and in the High School. The second talk, March 27, will be on "Prehistoric animals and plants," by Mr. Charles L. Pollard, and the third and last, April 3, on "The Staten Island Indians," by Mr. Alanson B. Skinner.

MEMBERS will note that the meeting next Saturday evening is to be held in the Museum, not in the library as heretofore.

Entered as second-class matter in the Post office at New Brighton, N.Y., under the Act of Congress July 16, 1894

MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 9. Published Monthly at New Brighton, N. Y. APRIL, 1909.

THE NEXT MEETING OF THE ASSOCIATION

will be held in the **Museum in Borough Hall,** on Saturday evening, April 17, 1909, at eight o'clock. Members are invited to bring visitors. The elevator will be in service from 7.30 to 9 P. M. Use the Jay Street entrance.

ARTHUR HOLLICK,
Secretary.

AT THE stated meeting on April 3 the Board of Trustees elected to membership Mrs. C. W. Hunt, Stapleton, and Mr. and Mrs. Henry Wallace, New Brighton.

WE DESIRE to call attention to the fact that the Museum is open on the evenings of President Cromwell's monthly receptions, and those who attend the lectures on borough administration are cordially invited to inspect the Museum afterward and to meet the officers of the Association.

A REMARKABLE collection of photographs of cats and kittens of all types and ages has been loaned to the Museum by Mr. Samuel Brick, and is now on view. These photographs have attracted much attention and interest at the St. George library, where they have been recently displayed. For the April meeting of the Association next Saturday there will be a special exhibit of our collection of birds' eggs, which have been recently catalogued and arranged.

Mr. George P. Engelhardt, of the Children's Museum, has presented us with about seventy-five beautiful specimens of tropical butterflies and moths.

Youthful visitors are much interested in the cage full of live cocoons of the Mexican silk moth *Rothschildia orizaba.* The moths have been emerging in considerable numbers recently.

The Curator-in-chief will represent the Museum at the annual meeting of the American Association of Museums in Philadelphia next month. Afterward he will visit the National Museum in Washington to make arrangements for an exchange of material and to determine some of the unnamed specimens in our collections.

Entered as second-class matter in the Post office at New Brighton, N.Y., under the Act of Congress July 16, 1894

MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 10. Published Monthly at New Brighton, N. Y. MAY, 1909.

THE ANNUAL MEETING OF THE ASSOCIATION

will be held in the **Museum in Borough Hall,** on Saturday evening, May 15, 1909, at eight o'clock. The annual address of the President will be delivered, and reports of officers presented. Four trustees are to be elected to fill vacancies caused by the expiration of the terms of Hon. Howard R. Bayne, Mr. William T. Davis, Dr. Arthur Hollick, and Mr. Charles A. Ingalls.

ARTHUR HOLLICK, *Secretary.*

An application signed by Mrs. J. Q. Adams, Miss Ellen M. Harris, Mrs. Marcel Kahle, Mrs. F. W. Skinner, and Mrs. S. McK. Smith, for permission to establish a Section of Literature, has been approved by the Executive Committee pending final action by the Board of Trustees. The new Section will doubtless be organized during the present month, so that plans for next season's work may be considered during the summer by those having the matter in charge.

As we go to press, arrangements have been completed for the joint meeting of the New York and Brooklyn Entomological Societies to be held in the Museum May 8, under the auspices of the Section of Biology. The scientific program is as follows: "Rudimentary and vestigial structures in insects," Mr. C. Schaeffer; "Notes on interesting Coleoptera," Mr. Charles W. Leng; "Some rare North American Saturnians," Mr. Charles L. Pollard; "Thayer's theory of obliterative coloration applied to insects," Mr. George P. Engelhardt; "Mosquitoes and the mosquito problem," Professor John B. Smith, the last paper illustrated with lantern slides.

We consider it an excellent policy for the various Sections to supplement their work by securing in this way the occasional cooperation of other allied societies or of individual guests. Not only does the Association benefit through the wider knowledge of its activities, but the Museum frequently profits by gifts or exchanges, and its collections are rendered more valuable when examined and named by specialists. In view of its small membership the Section of Biology has accomplished much during the first year of its existence, as its reports, to be presented at the annual meeting of the Association, will demonstrate. The Sections of Art and Literature are as yet too young to have indicated any definite policy, but the same active interest is to be found among their membership, and there is no doubt that both Sections will be prominent in Association matters next season. Under our present organization it would seem that as the Sections develop there will be less need of holding general monthly meetings of the Association. This is a topic which should be freely discussed at the coming annual meeting.

Some few changes have been made in the exhibits preparatory to the extensive rearrangement contemplated during the summer. Two table cases now contain an instructive series of rocks illustrating the structural geology of the island and the drift fossils found here. Large additions have been made to the wall cases of exotic butterflies, and the latter are being arranged according to natural groups and the countries which they inhabit. The reptiles of the Myers collection are being mounted in exhibition jars, and will occupy, when completed, the group of cases heretofore filled by the Skinner collection of Iroquois Indian implements, which will be displayed during the summer at the Stapleton Public Library. The Committee on Exhibits of the Section of Art is expecting to install a new art loan collection within a month.

Entered as second-class matter in the Post office at New Brighton, N.Y., under the Act of Congress July 16, 1894

MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE
BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 11. Published Monthly at New Brighton, N. Y JUNE, 1909.

THE COMMITTEE on Exhibits of the Section of Art has placed on view in the Museum a loan collection of old china consisting chiefly of Lowestoft ware, but including also some pieces of English, French, Russian, Indian and Chinese porcelain. The exhibit is interesting from more than one point of view. To the china collector, the age and genuineness of each piece is, naturally, of the first importance, and from this standpoint the collection is one of unusual distinction. But the pleasure of looking at beautiful objects, whatever their historic value, is one that the most inexpert of Museum visitors can indulge in, and the purely aesthetic point of view has its place. Among china experts, the genuineness of Lowestoft ware seems as debatable a subject as the authenticity of Chippendale chairs or Cremona violins. In this exhibition, a whole case is given up to this famous ware. These pieces repay careful study, for they differ greatly in detail of ornament and even of glaze, though the ground color is uniform.

Mrs. George William Curtis loans part of a Lowestoft dinner service imported by Major Shaw, aid to General Knox, who was aid to General Washington. Major Shaw had three sets made, one for Gen. Washington, of which a few pieces remain at Mt. Vernon. A beautiful Lowestoft bowl, decorated in blue and gold, is loaned by Mrs. Willcox, and a slightly fluted bowl, ornamented by Rose with great perfection of detail, is loaned by Mr. Callison. Besides the Lowestoft there are many pieces of old blue, notably an English platter loaned by Mrs. Joseph R. Clark; there are cups and pitchers of copper luster, and a tea set of pink luster, loaned by Mrs. T. L. Kennedy. A coffee set of Royal Meissen china decorated with minute hunting scenes is an heirloom in the family of Mrs. Walter Mayer, and a plate made in St. Peterburg during the reign of Catherine II. and bearing the royal arms is loaned by Mrs. Lewis Nixon.

E. M. P.

TWELVE cases of exotic butterflies have been placed on exhibition in the reading room of the St. George library. In addition to the collection donated by Mr. Charles P. Benedict last year, they include a number of rare specimens obtained in exchange from the United States National Museum, the Guatemalan butterflies presented by Mr. George P. Engelhardt, and a number of Japanese and Formosan species given by Mr. Charles L. Pollard. A collection of Ceylon butterflies belonging to Master Flavel Hubbard will also be placed on exhibition when mounted.

In the Museum is shown a fine pair of *Ornithoptera hecuba*, one of the gorgeously colored "bird-wing" butterflies from the East Indies; also four gigantic oddly-shaped walking-sticks from the same region. These four species are represented at present in only one other American Museum besides our own, namely, that of the Brooklyn Institute.

THE Curator-in-chief will leave about July 15 for a month's collecting trip in company with Mr. H. S. Barber, of New York, and Mr. Geo. P. Engelhardt, of the Children's Museum in Brooklyn. The party will visit the Dismal Swamp in Virginia, various points on the coast of North Carolina, and will explore some of the higher peaks in the Alleghenies. It is expected that valuable collections will be secured for the Museum.

THE telephone number of the Museum is 1135 Tompkinsville.

JUN 29 1909

Entered as second-class matter in the Post office at New Brighton, N.Y., under Act of Congress of July 16, 1894.

MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE
BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 12. Published Monthly at New Brighton, N. Y. JULY, 1909.

COMMITTEES OF THF ASSOCIATION.

The following appointments to the standing committees have been made by President Bayne for the fiscal year of 1909-10.

Executive.

Hon. Howard R Bayne, chairman, Dr. Arthur Hollick, Mr. Charles A. Ingalls, ex-officio; Mr. William H. Mitchill, Mr. George S. Humphrey.

Auditing.

Mr. T. Livingstone Kennedy, chairman, Mr. Winfield R. Koller.

Publications.

Dr. Philip Dowell, chairman, Dr. Arthur Hollick, Mr. William T. Davis.

Museum and Library.

Mr. William T. Davis, chairman, Dr. John Quincy Adams, Mr. Charles P. Benedict, Mr. Stafford C. Edwards, Dr. Arthur Hollick.

Accessions.

Mr. S. McK. Smith, chairman, Mrs. T. Livingstone Kennedy, ———— (vacancy to be filled).

Women's Auxiliary.

Mrs. Arthur Hollick, chairman, Miss S. Gertrude Clark, Mrs. T. Livingstone Kennedy, Mrs. F. W. Skinner, Mrs. William G. Willcox.

The annual prize of ten dollars offered by the Association to pupils of Curtis High School for the best work in natural science was awarded to Carl Philip Dowell, of Port Richmond. The subject, as formulated by the committee, was "a collection of the leaves and flowers or fruit of not less than 25 native and introduced Staten Island trees, with a written discussion of their respective availabilities for shade, ornamental or memorial purposes." The prize collection was beautifully mounted and correctly determined, while the essay entitled "Our Forest Trees" seemed to the committee worthy of publication, and with the consent of its author will be printed as a Bulletin of the Wild Flower Preservation Society of America.

Next year's competition calls for a collection of not less than 50 Staten Island insects of economic importance, including at least 25 species. By "insects of economic importance" is meant such as are injurious or beneficial to cultivated plants or man. The conditions of competition are as follows:

1. The specimens shall be neatly mounted or placed in boxes or cases.
2. Each specimen shall be labeled with the scientific name, the common name, if any, and the locality in which the specimen was collected.
3. Accompanying the collection shall be a brief statement of the special economic interest attaching to each specimen.
4. The collection shall be made between July 1, 1909, and June 1, 1910, and shall be turned over to the Principal of Curtis High School complete in all details on or before June 15, 1910.

The committee in charge of the competition consists of Dr. Arthur Hollick, chairman, Mr. Charles Louis Pollard and Mr. Harry M. Towle.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 13. Published Monthly at New Brighton, N. Y AUGUST, 1909.

OPENING OF THE SPECIAL MUSEUM EXHIBIT.

WITH the cooperation of the Staten Island branch of the Children's Festival Committee, Hudson-Fulton celebration, of which Mr. Ralph McKee is chairman and Mr. J. Blake Hillyer, one of our trustees, local supervisor, a special commemorative exhibit is being placed in the Museum. It is designed to show the natural resources of the island and its historical development through the colonial period.

The exhibit will be opened to the public at 10 a. m. on Saturday, September 4, the 300th anniversary of Hudson's landing on Staten Island. At 3 p. m. Hon. Howard R. Bayne, President of the Association, will give a brief address in the Museum, to which all members and the general public are cordially invited.

The exhibit will remain on view until November 1. It will be described at greater length in the next issue of the BULLETIN.

THE collecting trip in North Carolina made by Mr. Charles L. Pollard in company with Mr. George P. Engelhardt, of the Children's Museum in Brooklyn, proved very successful. The chief object of the trip was to obtain material for our study collection of North American insects to be used especially in connection with the Saturday afternoon lectures next winter, and also to add to our stock of valuable exchange material.

The party proceeded first to Norfolk, Va., where collections were made at Virginia Beach and in the Dismal Swamp; thence they proceeded southward and visited Roanoke Island, N. C., a locality not widely known to entomologists, but celebrated as the site of the first English settlement in North America and as the birthplace of the first white child born on American soil.

A week was spent in the vicinity of Wilmington, where a large series of butterflies and some rare beetles were collected. Here also the curious Venus' flytrap, a plant found nowhere else in the world, was obtained, and living specimens shipped. A visit was then paid to Smith's Island, at the mouth of the Cape Fear River. This island, situated very near the Gulf Stream, possesses features of much interest to the biologist, as many subtropical plants not found on the adjacent mainland flourish there. Among the interesting insects collected on this island is a fine series of the handsome swallowtail butterfly *Papilio palamedes*.

From Wilmington the party crossed the state to Wilkesboro, situated among the foothills of the Blue Ridge mountains. Here a wagon was taken, and the journey made by easy stage to Blowing Rock, thence across Grandfather Mountain to Linville and Linville Falls, one of the wildest and most picturesque spots in the southern mountain region. Returning to Montezuma, the train was taken to Johnson City, Tenn., and thence to New York. In the mountains collections were made at many points of varying altitude, and numerous photographs taken by Mr. Engelhardt. One specimen of the very rare butterfly *Argynnis diana*, the great desideratum of collectors, was secured by Mr. Pollard.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 14. Published Monthly at New Brighton, N. Y. SEPTEMBER, 1909.

THE HUDSON-FULTON EXHIBIT IN THE MUSEUM.

As announced in the last issue of the BULLETIN, the special commemorative exhibit was opened on September 4, the anniversary of Hudson's first landing on Staten Island. The exercises were quite informal; in the unavoidable absence of President Bayne, brief addresses were made by Dr. Hollick and Mr. Hillyer, of the Board of Trustees, and by the Curator-in-chief.

The exhibit is designed to illustrate, synoptically, the historical development of Staten Island. The physiography and stratigraphic geology of the island is first shown by means of specimens of rocks, minerals, etc., arranged in geological sequence. The flora and fauna as it was in Hudson's time is indicated either by actual specimens or by descriptive labels; practically all the native trees are represented in the herbarium loaned by Master Carl Dowell, who recently won the annual high school prize offered by the Association.

The section devoted to the Indians is very complete. It includes a large series of stone implements, weapons, etc., from various parts of the island, their uses being fully set forth on the labels. By way of contrast, the Skinner collection of recent Iroquois Indian implements and costumes, from Central New York, lately presented to the Museum, is also displayed here. Models of a Manahatas Indian village and of a small Indian tepee complete the section.

The period of Dutch colonial occupation is illustrated by a model of the water gate and adjacent houses at the foot of Pearl Street about 1650. With this is a most interesting model of the interior of a Dutch house, showing the typical exterior, and within the characteristic furniture, etc. This was constructed by Mr. Clement Parsons, the other models having been made under the direction of the Children's Festivals Committee.

The later colonial period, from the British occupation until after the close of the Revolution, is represented by various exhibits. Two cases are devoted to interesting relics of the eighteenth century, many of them belonging to Staten Island; another to old manuscripts, deeds, and land grants. The walls are hung with series of maps of the island, from the earliest known down to the most recent. A large collection of old engravings, loaned chiefly by Mr. Gerald F. Shepard, shows various familiar scenes and buildings around Manhattan. The Billopp house at Tottenville is commemorated by a fine model.

As a supplementary feature of the exhibit there is a display of costumes of the various nations,—Dutch, French, Italian, etc.,—which have contributed largely to American citizenship. The room is decorated with Hudson-Fulton banners of every description.

The special exhibit will remain open until November 1, although as some of the loans are liable to be withdrawn at any time, the public is advised to visit the Museum early. The latter is open every afternoon from 1 to 5 except Sundays, Mondays and holidays. On Saturdays it is open from 10 to 5.

The Association will commence its various activities next month, the first meeting being held, as usual, on the third Saturday in October. The trustees will hold a stated meeting on October 9, and proposals for membership should be in the hands of the Secretary before that date.

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SEP 30 1909

LIBRARY
NEW YORK
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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE
BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 15. Published Monthly at New Brighton, N. Y. OCTOBER, 1909.

THE NEXT MEETING OF THE ASSOCIATION

will be held in the Museum in Borough Hall, St. George, on Saturday evening, October 16, 1909, at eight o'clock. The program will be of a general nature, and members wishing to present communications will kindly notify the undersigned in advance.

ARTHUR HOLLICK,
Secretary.

At the stated meeting of October 9, 1909, the trustees elected to membership Mr. Bradish J. Carroll, Dongan Hills, N. Y. They also granted the application of certain members of the Association for permission to establish a Section of Historical Research in the Association, its purpose being to encourage study of the early history of Staten Island, to aid in the preservation of historic landmarks, and to secure the gift or loan of objects of historic interest for the Museum. Members of the Association wishing to be enrolled as members of this Section, are requested to notify the Secretary, Dr. Arthur Hollick.

The Concert and Lecture Committee is making arrangements for another course of entertainments this fall, and its announcements will be given out shortly. The course of three concerts and one lecture given last year met with such appreciation that it is believed even better support can be secured for the present course.

Recent accessions to the Museum include a series of 13 photographs nnd tracings of early North American maps, including Verrazano's map of 1524, the gift of Mr. George W. Tuttle. Mr. W. T. Davis has presented the specimen of Muhlenberg's turtle, very rare in this region, which was kept by him alive for nearly seven years after its capture. From Master Jack Hillyer we have some excellent specimens of Maine and local insects; and from Miss Theler an early map of Staten Island and a curious old hand-embroidered sampler.

One of the most important gifts the Museum has received is the entire collection of violets of Dr. H. D. House, Biltmore, N. C., comprising about 725 mounted sheets. Dr. House is a noted authority on the group, and the collection includes numerous cotypes and paratypes. With the material already in our herbarium, this gift places our collection of Violaceae ahead of all others except those in the National Museum and the New York Botanical Garden.

Visitors to the Museum are reminded that the public hours are from 1 to 5 on Tuesdays, Wednesdays, Thursdays and Fridays, and from 10 to 5 on Saturdays, and that it is closed on Sundays, Mondays and legal holidays. Members of the Association, however, are admitted without regard to these hours, but it is respectfully requested that when bringing visitors to the Museum they observe the public hours when possible. Attention should be directed to the fact that when the Museum itself is closed, the door leading to the office of the Curator-in-chief is always unlocked during regular business hours.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE
BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 16. Published Monthly at New Brighton, N. Y. NOVEMBER, 1909.

LIBRARY NEW YORK BOTANICAL GARDEN

THE NEXT MEETING OF THE ASSOCIATION

will be held in the Museum in Borough Hall, St. George, on Saturday evening, November 20, 1909, at 8.15 o'clock.

The scientific program will be in charge of the Section of Biology and will commemorate the fiftieth anniversary of the publication of Charles Darwin's "Origin of Species." There will be no miscellaneous communications.

Scientific Program of the Darwin Memorial Meeting.

INTRODUCTORY ADDRESS

Mr. Charles L. Pollard,
Chairman, Section of Biology.

RECENT STUDIES IN EVOLUTION.

Dr. Frank E. Lutz,
Assistant Curator of Invertebrate Zoology,
American Museum of Natural History.

THE DEVELOPMENT OF SPECIES, AS ILLUSTRATED IN THE EVOLUTION OF THE HORSE.

Dr. W. D. Matthew,
Assistant Curator of Vertebrate Paleontology,
American Museum of Natural History.
(Illustrated by the Stereopticon).

Members of other scientific organizations in New York City are cordially invited to attend this meeting.

ARTHUR HOLLICK,
Secretary.

The Hudson-Fulton exhibit in the Museum, which closed November 1, and which was successful beyond all expectations, seems to have inaugurated an era of special exhibits. The collection of prints and engravings discussed below is already on view, and on the night of the Darwin memorial meeting, November 20, there will be displayed for the first time a biological exhibit illustrating certain factors in evolution and other subjects with which Darwin was more or less intimately connected. Both of these exhibits will remain in the Museum until December 1.

The prints and engravings now to be seen in the Museum form what is perhaps the finest collection of works of art of this type ever assembled on Staten Island. It has been secured through the active interest of Miss Lucy J. Kipper, of the Art Section Committee on Exhibits, and marks a step forward in the work of this committee, which has hitherto confined its exhibits chiefly to ceramics.

The collection is practically in two divisions, one consisting entirely of old engravings and etchings, illustrating almost all of the known processes. There are engravings on wood, copper and steel, also some fine examples of lithographs. Some of the work has the clearness and freshness of an original pen and ink drawing. One case is devoted entirely to the characteristic work of Hogarth, who, if not always refined in his choice of subjects is always interesting for his wonderful accuracy of detail and the freedom of his drawing.

The second division includes only modern work. It consists of eight crayon studies in color by Joseph Pennell, an illustrator of eminence, and thirty-three prints, some in color, others in black and white or sepia, by Charles F. W. Mielatz. The subjects of all these pictures are scenes in early or late New York, and hence possess an especial interest. As works of art they are of the highest order; and we hope that every member of the Association will interest himself in the exhibit, and will advertise it among his friends.

THE ATTENTION OF MEMBERS

OF THE ASSOCIATION IS DIRECTED TO THE

ANNOUNCEMENTS

ON THE SUCCEEDING PAGE

The 1909 course of public entertainments given by the Association was initiated on November 5, at which the attraction was the Olive Mead Quartette. These young ladies are now in the front rank of chamber music performers, and their work was highly appreciated by the audience, which should have been larger. We trust that the members of the Association will do their share toward making the remaining two entertainments of the course a financial as well as an artistic success.

On Monday evening, November 22, in the Curtis Lyceum, Mrs. Bertha Kunz Baker will read "The Blue Bird," a fairy play by Maurice Maeterlinck. Mrs. Baker is well known on Staten Island, and her work never fails to give pleasure. As an interpreter of the drama, Mrs. Baker stands absolutely alone for range of vision, breadth of sympathies, versatility of genius and power of inspiring enthusiasm. French and German by decent, American by birth, intensely American in her sympathies, educated in the public schools of America, subsequently living and studying at various times in England, Germany, France, Switzerland, Italy, Mrs. Baker has been associated with the schools, the universities, the Chautauquas, the lecture courses of forty-seven states and territories.

The price of admission is one dollar.

The committee in charge furnishes the following appreciative quotations from individuals and journals concerning Mrs. Baker's reading: Mrs. Baker is incomparable. Her method is so simple, so without apparent effort that it is difficult to tell how she creates her tremendous effects. No grimaces, no elocutionary agonies. It is the inner nature of her characters that makes them stand out vividly, alive. Now the fairy elf, Rautendelein; now the old witch, Wittiken; now Heinrich, the bell-founder, throbbing with love and longing; each character distinct, individual and in consistent relation to the whole. The work is sustained throughout in an exquisitely pure and poetic atmosphere.—*New York Critic.*

The moods of reverence and pure compassion in which "Parsifal" was conceived, were admirably reproduced in Mrs. Baker's voice, which has a remarkable richness and softness. When Mrs. Baker had finished, the audience left the theatre uplifted with that mighty religious awe which a complete presentation of the work gives.—*Chicago Record-Herald.*

I have always disliked to hear my own poems read, but it was a pleasure to me to listen to Mrs. Baker's reading of "Juduth and Holofernes." She has, I think, that magnetic quality which is not to be taught in schools,—*Mr. Thomas Bailey Aldrich.*

I have often thought, since Mrs. Baker gave her marvelous interpretations, that it would be a wonderful education—in standard poetry particularly—to hear her frequently and in a systematic fashion.—*Dr. Albert Shaw, editor of "The Review of Reviews."*

Mrs. Bertha Kunz Baker stands at the very head of her chosen profession. A scholarly mind, a sympathetic heart, a glorious voice and a masterful and exquisite art enable her to interpret grandly the masterpieces of literature. She herself is an inspiration.—*Mr. Leland Powers.*

I have listened to Murdock, Scott-Siddons and many others of the best artists, and in my judgment Mrs. Kunz Baker is the peer of the greatest.

Her mobility of face and feature, her flexibility of utterance and sweetness of tone, her compelling sense of power, purity and tenderness, her consummate skill in ranging the gamut of passion, and yet relieving its stress by delicate humor and softening its fierceness with pathos, her masterful ease and constant charm—all these combine to make her renditions a delight which can never be forgotten.—*Judge E. B. Sherman, United States Circuit Court, Chicago.*

Mrs. Baker is superbly equipped for the interpretation of the best literature. She has brain power, a noble physique, a wonderful voice and a nature of large spiritual endowment. I wish she were attached to the teaching force of every important college in the land, that students everywhere might be brought by her into vital contact with "thoughts that breathe and words that burn."—*Dr. Richard Burton, University of Minnesota.*

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PUBLIC MUSEUM

OF THE

Staten Island Association of Arts and Sciences.

Open Tuesdays, Wednesdays, Thursdays and Fridays from 1 to 5 p. m.; Saturdays 10 a. m. to 5 p. m.
Closed on Sundays, Mondays, and Holidays.

Borough Hall, St. George.

MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE
BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 17. Published Monthly at New Brighton, N. Y. DECEMBER, 1909.

THE NEXT MEETING OF THE ASSOCIATION

will be held in the Museum in Borough Hall, St. George, on Saturday evening, December 18, 1909, at 8.15 o'clock.

The program will be in charge of the Section of Art, and will consist of a lecture by Lewis F. Pilcher, Professor of Fine Arts in Vassar College, on the topic "Doric architecture as applied to the Subtreasury building, at Broad and Nassau Streets, New York City." The lecture will be illustrated by means of the stereopticon. At its close there will be a brief business session of the Section of Art.

J. Q. Adams,
Chairman, Section of Art.

Arthur Hollick,
Secretary.

The attention of members is directed to the fact that the BULLETIN is issued this month one week earlier than usual in order to permit the announcement which appears on the opposite page. The date of the monthly meeting remains unchanged, being always the third Saturday.

The lecture arranged for by the officers of the Section of Art is upon a local topic of unusual interest, and while the Museum is somewhat limited in its accommodations, we hope that it may be well filled on that occasion. Professor Pilcher, who formerly held the chair of Architecture at the University of Pennsylvania, is a practising architect in New York, and has designed a number of important buildings. He is a recognized authority on the history of architecture, both in this country and abroad.

The special exhibit of old prints in the Museum will be continued through the present month, in order to afford the public a further opportunity of seeing this remarkable collection. The Pennell drawings have been removed, but the Mielatz prints may remain a short time longer, when their place will be taken by a curious collection of old Japanese prints, loaned by Messrs. Bolton C. Brown and Fred L. Stoddard, the courtesy of the loan having been obtained for us by Dr. Adams.

The Darwin Exhibit was opened on the evening of the Darwin memorial meeting, and consisted of specimens of insects arranged to illustrate the principles of variation, protective mimicry and protective resemblance: a full set of Darwin's works, and a portrait of Darwin loaned by the New York Academy of Sciences through the courtesy of President Charles F. Cox. The portrait has now been returned, but the cases of specimens will remain at present as part of our regular biological exhibit. For certain specimens included in the collection we are specially indebted to Messrs. Jacob Doll, Charles Schaeffer and George P. Engelhardt, all of the Brooklyn Museum.

The committee on exhibits of the Section of Arts has installed in the Museum a new loan exhibit of old Sheffield plate and old cut glassware. The latter, which has been placed in a new case recently built after a design in use in the Metropolitan Museum, presents a very fine effect, the case being entirely of glass in its interior.

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FRIDAY, DECEMBER TENTH

MR. AND MRS. DAVID MANNES

Recital for Violin and Piano

Curtis Lyceum, Staten Island Academy, at 8.15 P. M.

The form of chamber music presented by these artists in character and rarely presented on the concert platform.

Mr. Mannes comes to us with an established reputation as solo violinist and ensemble player of unusual appreciation and dignity. He is ably seconded by Mrs. Mannes, whose part is more than that of accompanist, embracing as it does the second voice in a duet—in which both instruments are of equal importance.

The program cannot fail to please anyone interested in music of high order, especially when rendered by artists of the caliber of Mr. and Mrs. Mannes.

PROGRAM.

1 Grieg—Sonata in G major, op. 13.
   I. Lento Doloroso; Allegro Vivace.
   II. Allegretto Tranquillo.
   III. Allegro Animato.

2 Schumann—Abendlied.

3 Mozart—Menuett.

4 Godard—Adagio Pathetique.

5 Dvorak—Humoresque.

6 Nardini—Larghetto and Allegretto Grazioso.

7 Wagner—Dreams (Study from Tristan).
   Prize Song—Meistersinger.
   Parsifal—Good Friday Music.

Boston Herald.

Mr. and Mrs. Mannes played throughout with a fine appreciation of the various moods and characteristics of the respective composers.

It was true chamber playing. The presentation of the thought was intimate; there was constant suggestion as though in confidential conversation. Mr. Mannes' proficiency was already known and esteemed. Mrs. Mannes is an excellent ensemble player. She has a charming touch, adequate general technic, a fine sense of proportion and a truly musical spirit.

New York Tribune.

The audiences that have come to know Mr. and Mrs. David Mannes's interpretation of music, arranged for the piano and violin, are always keenly appreciated if not boisterously demonstrative. The unusual outburst at the close of the recital of sonatas at the Stuyvesant Theatre last night was not only a tribute to the performers for their work of the evening, but—and more especially—a testimonial of the esteem of the gradually growing audiences this earnestly and studious couple of musicians has drawn to its following.

New York Evening Mail.

* * * These artists have arrived at the acme of excellence in ensemble playing, and the programme of last evening demonstrated the care and the muscianship which dominates everything they do.

PRICE OF TICKETS, $1.00.

MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE
BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 18. Published Monthly at New Brighton, N. Y. JANUARY, 1910.

THE NEXT MEETING OF THE ASSOCIATION

will be held in the Museum, Borough Hall, St. George, on Saturday evening, January 15, 1910, at eight o'clock. The program will be a general one, and all members having notes or communications to present are requested to notify the Secretary, if possible, in advance.

ARTHUR HOLLICK,
Secretary.

During the past month the Board of Trustees elected the following persons to membership in the Association: Mr. and Mrs. Samuel Viertel, New Brighton; Mrs. Charles P. Benedict, Mr. E. L. Andrews, Mr. Malcolm J. Cameron, West New Brighton; Dr. Michael J. Lucey, Tompkinsville; Mr. Roland J. Turpisch; Stapleton; Mrs. A. M. King, Rosebank, Mr. Edward W. Brown, Dongan Hills.

Mr. William L. Ettinger, who has succeeded Dr. Bardwell as district superintendent of schools for the borough of Richmond, becomes ex officio a trustee of the Association.

Dr. J. Q. Adams, chairman of the Section of Art, has been appointed Honorary Curator of Art.

The newly established Section of Historical Research will probably meet for purposes of organization some time during the present month. Members of the Association desiring to become affiliated with this section are requested to notify the Secretary, Dr. Hollick.

No new exhibits have been placed in the Museum during the past month, although several are in course of preparation. The model of the Billopp house, constructed by Mr. Frishberg, displayed during the special Hudson-Fulton exhibition, was much injured by the steam heat in the Museum. It will be repaired and restored as soon as possible in view of the great public interest evinced in the purchase of this house by the state as a permanent memorial.

The loan exhibit of pictures and prints has now been withdrawn, with the exception of the old Japanese prints, which will remain on view a short while longer. These deserve, and will repay, a careful examination. They are not only remarkable as works of art, but interesting in their quaintness and originality of treatment.

The Curator-in-chief represented the Association in Boston during Christmas week at the winter meetings of the American Association for the Advancement of Science and of the American Society of Naturalists. A special feature of the convention was a symposium on the various problems of heredity, which was participated in by eminent biologists from all parts of the country.

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LIBRARY
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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE
BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 19. Published Monthly at New Brighton, N. Y. FEBRUARY, 1910.

THE NEXT MEETING OF THE ASSOCIATION

will be held in the Museum, Borough Hall, St. George, on Saturday evening, February 19, 1910, at eight o'clock. The program, under the auspices of the Section of Biology, will consist of two addresses illustrated by the stereopticon:

Two seasons' photographic work with sandpipers at Wolf's Pond
MR. HOWARD H. CLEAVES.

A naturalist in North Carolina
MR. CHARLES L. POLLARD.

ARTHUR HOLLICK,
Secretary.

During the present month the Museum has been enriched by a collection of 193 specimens of starfishes, crabs, and other marine invertebrates, sent in exchange by the United States National Museum; by a number of butterflies and moths received by exchange with Mr. William Beutenmuller, of the American Museum of Natural History; and by an excellent specimen of the short-eared owl *(Asio accipitrinus)* taken at Fort Wadsworth by Mr. Lambert O'Neill, Jr. and by him presented to the Museum.

A rare opportunity for lovers of art needlework will be afforded next month, when the extensive collection of old samplers owned by Mr. George A. Plimpton, of New York City, will be placed on exhibition in the Museum for a period of ten days, through the good offices of Mrs. J. Q. Adams. It is safe to state that no such collection has ever been gathered together in any museum, and as the period of the loan is very short, we hope that members of the Association will make every possible effort to induce their friends and the general public to visit the Museum at that time. The exhibit will probably be opened soon after the first of March, but due notice of the date will be given in the local press.

Copies of the address on "The Staten Island Museum" delivered by the Curator-in-chief at the meeting of the American Association of Museums last spring are now ready for distribution to those of our members who may desire them, and may be had upon application at the Museum.

Entered as second-class matter in the Post office at New Brighton, N.Y., under Act of Congress of July 16, 1894

MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE
BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

LIBRAR
NEW YO
BOTANIC
GARDE

No. 20. Published Monthly at New Brighton, N. Y MARCH, 1910.

THE NEXT MEETING OF THE ASSOCIATION

will be held in the Museum, Borough Hall, St. George, on Saturday evening, March 19, 1910, at eight o'clock. Mr. Alanson B. Skinner, Honorary Assistant in Anthropology, will deliver an illustrated lecture entitled "By Canoe to Hudson Bay."

ARTHUR HOLLICK,
Secretary.

We regret that through a misunderstanding as to dates the exhibition of old samplers belonging to Mr. George A. Plimpton, announced in the last issue of the BULLETIN, has been delayed. The collection has been displayed at Vassar College, and Mr. Plimpton found it impossible to withdraw it before March 15. The samplers are now in the Museum, however, and will be on view for the remainder of the month. Their exquisite colors and fidelity of detail are a revelation to those accustomed to think of the hideous late American samplers as representative.

The experience of the Children's Museum with the live spider monkey, "Plato," during the past few months, as well as our own records, prove that there is nothing in a museum more potent in its attraction than a living exhibit. We have had for some time a jar containing three turtles, loaned by Mr. Wm. T. Davis, and one containing half a dozen newts, taken from a spring near Castleton Corners. Visitors examine these little animals with much interest, and those who are fortunate enough to be on hand when the turtles are fed discover that they are not only very tame but in a state of perpetual hunger. They take bits of raw meat readily from the hand.

Steps are taking to install a salt-water aquarium in the Museum later in the spring.

Mr. Bristow Adams' lecture on "A prodigal nation" attracted a large audience to the Museum last Saturday evening, and proved highly successful. Conservation of the forests formed the principal topic, and our national extravagance, the results of the destruction of the trees, and proper methods of reforestation were all graphically shown by a large series of beautifully colored lantern slides.

The Section of Biology intends to start a local conservation campaign with the aim of preserving the natural attractions of our island, and especially of preventing the careless or wanton destruction by fire of the few remaining tracts of woodland. Lectures on this subject will be arranged for at suitable intervals, and educational literature will be distributed in cooperation with the Wild Flower Preservation Society of America.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 21. Published Monthly at New Brighton, N. Y. APRIL, 1910.

THE NEXT MEETING OF THE ASSOCIATION

will be held in the Museum, Borough Hall, St. George, on Saturday evening, April 16, 1910, at 8.15. The program will be of a general nature, and members are invited to present communications.

ARTHUR HOLLICK,
Secretary.

On the following Saturday evening, April 23, at 8.30, a free public lecture will be given under the auspices of the Section of Art by Mr. R. T. H. Halsey, of New York, a well known member of the Municipal Art Commission. His subject will be "American silversmiths of the seventeenth and eighteenth centuries and their work." The lecture will be illustrated by an unusually fine series of lantern slides, and promises to be another rare treat for members of the Association and the general public. It will be preceded at eight o'clock by the annual meeting of the Section of Art for the election of officers, etc.

At its stated meeting on April 2 the Board of Trustees elected Miss Saxer and Mrs. Jere. W. Wright, both of New Brighton, active members of the Association. Mr. Robert P. Dow, of New York City, was elected a Patron in recognition of his gift of exotic butterflies, etc. to the Museum, the value of which was found by the Committee on Accessions to exceed $200.00

The Section of Biology has elected Mr. William T. Davis, Chairman and Dr. Philip Dowell, Recorder for the ensuing year.

The Museum has received some interesting and valuable specimens of local mammals, reptiles and batrachians from Dr. Philip Dowell. Among them is a Least shrew *(Blarina parva)* one of the only two specimens taken here. The short-eared owl *(Asio accipitrinus)* mention of which was made in the February BULLETIN, has been mounted and placed on exhibition.

The present week concludes the remarkable exhibit of old samplers, and we hope that all members who have not availed themselves of the privilege heretofore of seeing the collection will attend the meeting of the Association on Saturday night for that purpose, and will advertise the matter among their friends.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE
BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 22. Published Monthly at New Brighton, N. Y. MAY, 1910.

THE FIFTH ANNUAL MEETING OF THE ASSOCIATION

will be held in the Museum, Borough Hall, St. George, on Saturday evening, May 21, 1910, at 8 o'clock. Reports of officers and committees will be presented and five trustees will be elected to fill vacancies caused by the expirations of the terms of Messrs. Samuel McK. Smith, Stafford C. Edwards, John De Morgan, William A. Johnston and Samuel A. Henszey. At the conclusion of the business portion of the meeting Mr. Howard H. Cleaves will deliver an address on "Wild bird photography as are creation," illustrated by lantern slides.

ARTHUR HOLLICK,
Secretary.

We regret to record the recent death of Mr. Walter C. Kerr, of Dongan Hills, for many years a member of the Association, and its president from 1892 to 1900; also of Mr, Joseph J. Barth, of Richmond, a member since 1906.

The Museum was honored by a brief visit from Mayor Gaynor on Thursday, May 12. in the course of an inspection of the offices in Borough Hall. He was accompanied by Borough President Cromwell and other city officials. The party was welcomed by Dr. Arthur Hollick, on behalf of the trustees, and by the Curator-in-chief.

The loan exhibits lately installed in the Museum cases includes a large collection of old embroideries and a small but choice collection of Wedgwood china, chiefly blue jasper. A unique coffee urn, teapots of different sizes, bowls and some tiny medallions are among the pieces shown. In some of these specimens the undercutting is notably fine.

In the cases devoted to white embroideries are to be found old Italian cut work, Russian and German embroidered pillow cases of a hundred years ago, beautifully worked collars and handkerchiefs, and pieces of German filet lace. In another case are colored embroideries from Greece, Turkey, Mexico, France, Italy, China, Japan and Dalmatia.

These embroideries were all obtained from the Teachers' College in New York, through the courtesy of Mrs. Adams.

At the St. George Library, the Museum exhibits old laces and embroideries loaned by Staten Islanders. Here are many family heirlooms of great value and exquisite workmanship.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE
BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 23. Published Monthly at New Brighton, N. Y. JUNE, 1910.

COMMITTEES OF THE ASSOCIATION.

The following appointments to the standing committees have been made by Senator Bayne for the fiscal year 1910-11.

Executive.

Hon. Howard R. Bayne. Chairman, Dr. Arthur Hollick, Mr. Charles A. Ingalls, ex-officio; Mr. William H. Mitchill, Mr. George S. Humphrey

Auditing.

Mr. T. Livingstone Kennedy, chairman, Mr. Winfield R. Koller.

Publications.

Dr. Philip Dowell, chairman, Dr. Arthur Hollick, Mr. William T. Davis.

Museum and Library.

Mr. William T. Davis, Chairman, Dr. John Quincy Adams, Mr. Charles P. Benedict, Mr. Stafford C. Edwards, Dr. Arthur Hollick.

Accessions.

Dr. John Quincy Adams, chairman, Mr. James R. Walsh, Mr. William G. Willcox.

Woman's Auxiliary

Mrs. Arthur Hollick, chairman, Miss S. Gertrude Clark, Mrs. T. Livingstone Kennedy, Mrs. F. W. Skinner, Mrs. William G. Willcox.

COMMITTEE ON EXHIBITS, SECTION OF ART.

The following appointments to this committee have been made by Dr. J. Q. Adams, chairman of the Section, for the fiscal year 1910-11. It is possible that other names may be added later.

Mrs. W. G. Willcox, chairman, Mrs. J. Q. Adams, Mrs. G. S. Barnes, Mrs. Charles P. Benedict, Mrs. George R. Boynton, Miss S. Gertrude Clark, Mrs. T. Livingstone Kennedy, Miss Lucy J. Kipper, Miss Edith M. Pollard, Mrs. Park J. White, Miss Annie F. Wood.

During the summer months attendance at any city museum is ordinarily at its lowest ebb. This is the experience of our big sister institutions in Manhattan and Brooklyn, and it has been our own experience for two years. The circumstances is quite natural, in view of the fact that summer vacations deplete the museum constituency more than any other cause,

For this reason no new exhibits are contemplated until fall. It is expected, however, that progress will be made in the installation of permanent labels and the completion of present exhibits.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 24. Published Monthly at New Brighton, N. Y JULY, 1910.

As a result of several articles that have appeared in the local press, the Museum staff has had many inquiries as to the proposed removal of the Museum from its quarters in Borough Hall. In order to correct any erroneous impressions among members of the Association or the general public, it may be stated that a petition has been signed by the bench and bar of Richmond generally, and by the trial justices of the Supreme Court, asking that accomodations for the trial term of the Supreme Court be provided in the quarters now occupied by the Association and that new quarters be assigned to the Association in the house situated at the corner of Stuyvesant Place and Hyatt Street. This petition has been presented to the Board of Estimate and the Board of Alderman; and a resolution has passed the latter Board recommending the Board of Estimate to authorize the issue of revenue bonds to the sum of $2625, to provide for the expenses of moving the collections, and for the payment of rental and the salaries of the enlarged staff from October 1 until the end of the current year. The matter is now in the hands of the Board of Estimate. If acted upon favorably, the Commissioners of the Sinking Fund will be authorized to conclude the terms of rental. Pending such action, the proposed removal is still in abeyance.

The annual prize of ten dollars offered by the Association to pupils of Curtis High School for the best work in natural science was awarded to Louis H. Achilles, The subject as formulated by the committee, was "a collection of not less than 50 Staten Island insects of economic importance, including at least 25 species." The prize winner showed great diligence in making a collection far in excess of the required number, and the specimens were mounted with care.

For next year's competition the following subject has been selected: An essay of not less than 1000 words, giving an account of some Staten Island brook, describing (1) its source, (2) its geographical course, (3) the character of the country through which it flows, (4) discussion of special physiographic features, such as erosion, rapids, falls, etc., (5) fauna and flora to be observed along the stream, (6) historical facts, if any, connected with it.

This essay should be neatly written with ink on one side of the sheet only, not rolled or folded, and must be handed to the Principal of Curtis High School on or before June 1, 1911.

Recent visitors from other Museums were Dr. Henry L. Ward and Dr. Graenicher, of the Milwaukee Public Museum; and Miss Anna B. Gallup, Miss Agnes E. Bowen and Mr. George P. Engelhardt, of the Children's Museum of the Brooklyn Institute of Arts and Sciences.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE
BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 25. Published Monthly at New Brighton, N. Y AUGUST, 1910.

As stated in our last issue, the removal of the museum and library of the Association into its proposed new quarters is still undecided, pending action by the Board of Estimate on the resolution of the Board of Alderman providing for a revenue bond issue to meet the necessary expenses. As the Board of Estimate has adjourned until September, the matter remains, for the present, in statu quo. We make this explanation in order that members of the Associ- may not be misled by an article that recently appeared in one of the Staten Island newspapers stating that the removal was definitely settled. Authorized announcements concerning the matter will appear in the BULLETIN after action has been taken by the proper city authorities.

Parts 3 and 4 of Volume II of the Proceedings, together with index and title page for the entire volume, are now in press, and may be expected for distribution shortly. The first two parts of Volume III, bringing the publication down to the end of the last fiscal year (May, 1910) will be ready for issuance during the fall months. The parts already in press contain many papers of general biologic and historic interest, and one paper, on Lowestoft ware, of importance to connoisseurs of ceramics. The various reports of officers show clearly the progress of the Museum and its condition at the close of the fiscal year 1908-9.

The Museum has been most unfortunate during the summer in the fate that has overtaken various live animals collec ed for exhibition at the suggestion of the Museum Committee. A fine specimen of bullfrog, named "Ramapo," after the New Jersey mountains from which he came, was the first victim. He was fed upon green frogs, and apparently thrived for a week, when he was found dead in the jar in which he was confined. The green frogs, of which there were about ten specimens, survived awhile longer, but one day, after being fed a number of oil beetles *(Epicauta)*, all succumbed to batrachian indigestion. This reduced our menagerie to the terrapin given by Mr. Davis some months ago; a single crawfish, from one of the Staten Island brooks; and a specimen of the northern toad, *Bufo americanus*, brought with the bullfrog from the Ramapo mountains. A large cage, containing a pool of water and a mossy bank was prepared, and the terrapin and the toad were placed in it. During the following night the terrapin managed to consume the toad, so that not a vestige of the latter remained. He is now doomed to solitary confinement and fasting until he recovers from this meal, which is a most unusual one for a turtle of this kind.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE
BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 26. Published Monthly at New Brighton, N. Y. SEPTEMBER, 1910.

COOPERATION BETWEEN MUSEUMS AND SCHOOLS

The recent announcement that the Metropolitan Museum of Art will offer to teachers in the public schools the opportunity of studying the various collections under expert supervision and instruction, so that they may be better able to conduct their classes intelligently through the museum is a welcome one, and affords a further proof that our museums and schools are becoming more closely affiliated. Nearly every well organized museum now includes one or more courses for the various grades as part of its regular activities. The Philadelphia Museums, the Chicago Academy of Sciences, the American Museum of Natural History and others, have established what are known as traveling collections, which are lent to the schools as required. These collections are packed in convenient form, and are intended to afford illustrative material on some group, fact or principle in any of the the natural sciences; or they may be devoted to economic uses, illustrating such topics as food, drug, fiber or beverage plants; the silk industry, coal and its products, etc. The use of these collections saves the purchase of such material by the schools, and gives in concise form much information that would be difficult of acqisition by the ordinary teacher, especially in a rural school.

This activity is one in which our museum hopes ultimately to engage. There is abundant opportunity for cooperation with the schools of Staten Island, since the distances are great, and many of our children cannot visit the museum at St. George except at rare intervals. While we would not disparage field nature study, it may be pointed out that the travelling collection serves the educational purpose better in that it contains all the specimens that may be required for any given demonstration, and obviates any necessity for the useless destruction of living things for class work

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The regular meetings of the Association will be resumed next month. We understand that officers of the sections are making plans for programs fully up to the standard set last year The newly organized Section of Historical Research will undoubtedly have charge of one or more regular meetings, and some original papers on local historical topics may be expected. We venture to remind members of the Association that the fall is the best possible season for an active and aggressive campaign for new recruits. With all the inducements now offered for membership there should be little difficult in securing at least two hundred new members before the close of the year.

Parts 3 and 4, completing Volume II of the Proceedings, and including title page, table of contents, and index for volume, are now published, and will be mailed during the present month. Through an unfortunate error of the printers, the title page and table of contents for the entire volume is bound in with Part 4, necessitating its removal when the parts of the volume are assembled for permanent binding.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 27. Published Monthly at New Brighton, N. Y. OCTOBER, 1910.

The next meeting of the Association will be held in the Museum, Borough Hall, St. George, on Saturdav evening, October 15, 1910, at 8:15 o'clock. The program will be of a general nature, and members are invited to present communications.

ARTHUR HOLLICK,
Secretary.

At the stated meeting of the Board of Trustees on October 1st, the following were elected to active membership in the Association: Mr. C. G. Hine, Stapleton and Mr. Ralph Bainbridge, West New Brighton.

The Museum is a participant in the budget exhibit now in progress at 330 Broadway, and occupies two tables in the Section devoted to public institutions. Our display consists of photographs showing the interior of the museum and of the curator's office, with an explanatory statement describing our congested condition: several placards giving statistics of attendance, and a comparative table of budget appropriations for all the New York museums. To illustrate the work accomplished here, various descriptive labels are shown, also a photograph of the Billopp house and a schedule of the lectures for children given in the Museum during the winter of 1908-9.

The general exhibit contains features of interest to every citizen, and we trust that members of the Association will avail themselves of the opportunity of visiting it during the present month.

Our grateful acknowledgements are due to Mr. E. L. Morris, curator of natural science in the Brooklyn Museum, for his courtesy in having the various placards used in our exhibit printed expressly for us.

The Publication Committee has formulated the following rule in regard to reprints:

"Reprints of contribution to the Preceeding may be obtained by authors under the following conditions:

"All requests for reprints must be in the hands of the Publication Committee before the matter is in page proof, and must include a statement of the number of reprints desired."

"Twenty-five reprints shall be furnished free and any additional number at the cost of printing the same.

"Only such contributions as have seperate title headings shall be subject to reprinting. If reprints are not desired an author may obtain, free not more than five copies of the issue of the Proceedings in which his contribution is printed."

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences.

EDITED FOR THE PUBLICATION COMMITTEE
BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 28. Published Monthly at New Brighton, N. Y. NOVEMBER, 19

THE NEXT MEETING OF THE ASSOCIATION

will be held in the Museum, Borough Hall, St. George, on Saturday evening, November 19, 1910, at 8.15 o'clock. The scientific program, under the auspices of the Section of Biology, will consist of an illustrated lecture by Henry E. Crampton, Ph. D., professor of zoology in Barnard College, and curator of the department of invertebrate zoology in the American Museum of Natural History. The subject will be "Volcanoes and their history in the South Seas." Members are reminded that visitors are welcome at meetings of the Association.

J. Q. ADAMS.
Acting Secretary.

We are pleased to annouce that the Board of Estimate and Apportionment has made an apropriation of $9,000.00 for the Association in the budget of 1911. While this is a slight reduction from the sum originally asked by the board of trustees, it is sufficient for the rental and upkeep of new quarters for the museum, and for the necessary corresponding enlargement of our administrative staff. At the time of writing, the budget has not been finally approved by the Board of Alderman; but we trust that in the next issue of the BULLETIN we shall be able to report the completion of all arrangements for the transfer of the museum early next year.

Dr. Arthur Hollick, Secretary of the Association, leaves for Washington this week, where he will spend the next six months in special paleobotanical work for the United States Geological Survey. During his absence Dr. J. Q. Adams has been appointed acting Secretary by the board of trustees.

The committee on art loan exhibits of the Section of Art has recently installed in the Museum a miscellaneous exhibit of unusual interest. One case is devoted to antique silver and ivory jewelry and ornaments, including a number of old watches lent by Mr. Charles P. Benedict. Several carved ivory fans in this case are of great beauty. Another case is filled with hand painted fans, loaned chiefly by Mrs. Lester W. Clark and Mrs. William G. Willcox. The display of old-fashioned tortoise-shell combs is also noteworthy. Two cases are devoted to general objects, including several daguerreotypes and silhouettes, an old sextant, snuffboxes, etc.

The exhibit will remain on view until January 1, and possibly longer, depending upon the removal of the museum.

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MUSEUM BULLETIN

OF THE

The Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE
BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 29. Published Monthly at New Brighton, N. Y. DECEMBER, 1910.

THE NEXT MEETING OF THE ASSOCIATION

will be held in the Museum, Borough Hall, St. George, on Saturday evening, December 17, 1910, at 8:15 o'clock. The program, under the auspices of the Section of Art, will consist of a lecture by Dr. Bruno Roselli, of Adelphi College, Brooklyn, on "Political and Religious Art in Medieval Siena," with stereopticon illustrations.

J. Q. ADAMS,
Acting Secretary.

At the stated meeting on December 3rd, the Board of Trustees unanimously adopted the following resolution:

"Resolved, that the Board of Trustees recommends to the members of the Association that the number of trustees be increased to twenty- five in order to admit of the election of women members of the Board, and that in the event of such increase the number necessary for a quorum at any meeting of the Board be increased from five to eight.

This will necessitate an amendment to Article II of the Constitution, which will be offered at the meeting of the Association on December 17, and will then lie over until the following meeting for action, unless a special meeting be called for that purpose.

The Board elected Dr. William R. Janeway, of New Brighton, to membership in the Association.

The Executive Committee was empowered to conduct negotiations for the rental and fitting up of the house which the Museum is expected to occupy, and the consideration of other matters relating to the Museum was also referred to this committee.

The Museum is indebted to Miss Helen Aitkin, of the Brooklyn Museum, for her kindly assistance in arranging and determining the collection of shells, which is a remarkably complete one. It includes the Ernest F. Neilson and the Henry Caesar collections, to which were added, during the past year, a number of valuable species, the gift of Mrs. Charles Townsend. When the work of determination is completed, a special exhibit of shells will be installed, and some duplicates, mostly of tropical species, will be available for distribution.

In connection with the subject of duplicates, we desire to call the attention of our exchanges to the fact that the Museum has now on hand considerable duplicate material in various departments, and the curator-in-chief invites correspondence from officers of other institutions desirous of exchanging.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 30. Published Monthly at New Brighton, N. Y. JANUARY, 1911.

THE NEXT MEETING OF THE ASSOCIATION

will be held in the reading room of the St. George branch, New York Public Library, on Saturday evening, January 21, 1911, at 8:15. The scientific program will be of a general nature. The following amendment to the Constitution, proposed at the last meeting, will come up for action:

Amend the first sentence of Article II. of the Constitution so that it shall read as follows:

"The management of the affairs of the Association shall be vested in a board of twenty-five trustees, composed of twenty-three members elected as provided in the By-laws, together with the President of the Borough and the District Superintendent of Schools in said Borough for the time being, as ex-officio members."

As this amendment provides for an increase in the membership of the Board of Trustees, a full attendance of members is requested.

J. Q. ADAMS. *Acting Secretary.*

An Open Letter from Senator Bayne.

To the members of the Association:

It becomes my pleasant duty to inform you that the City of New York has leased the premises No. 154 Stuyvesant Place, opposite the Borough Hall, for a term of five years from January 1, 1911, for the use of the public museum and library of the Association. This lease marks a new departure, not only in the mission of our organization, but in the life of the community itself, and it deserves more than a brief record without comment or congratulation.

The new year is also notable for an increase of appropriation which renders possible the organization of a complete museum staff and such development of the work of the Association as will render it a recognized public institution of the borough. The museum some time ago outgrew its present quarters, and the increased facilities now at hand, mark a healthy growth, and promise the most beneficial results.

The Association is entirely public-spirited and unselfish in its missions. It aims for a means of education, an opportunity for culture, and a source of entertainment to our community. It stimulates research and encourages cultural efforts of every kind that make for the benefit of society and the welfare of our citizenship. Advance has been slow because of peculiar conditions existing in the borough, but it has been steady, and on the whole encouraging.

We may now be said to have entered upon a career of recognized usefulness and value to the community, and we look forward with great assurance to the future. As soon as the necessary repairs and alterations are completed the museum will be moved, and thereafter will be open every day in the year, Sundays excepted, from ten to five o'clock Reasonable facilities will be given for public lectures, and instruction of the public school children on all subjects within the purview of the Association. Meetings of the various sections will be facilitated and the organization of new sections encouraged. The widest scope for intellectual activities and aspirations will be the constant aim of the Association.

I wish to congratulate the members on this progress and on these prospects. I wish to thank them one and all for the cooperation on their part which has rendered these things possible and especially those members of the Association, who, without having personally enjoyed its privileges, contributed to its funds for so many years with no other than a public-spirited purpose to help its work and achieve its mission. Those whom you have placed in the management of the Association deeply appreciate your cooperation and support. The time has now come when we may confidently appeal to the public for an increased membership, which, by providing an increase in our funds, will insure a far more rapid development and satisfactory achievement than we have heretofore attained. With sincere congratulations, I am, Faithfully yours,

HOWARD R. BAYNE, *President.*

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 31. Published Monthly at New Brighton, N. Y FEBRUARY, 1911.

The next meeting of the Association will be held in the reading room of the St. George branch, New York Public Library, on Saturday evening, February 18, at 8:15 oclock.

Mr. Charles L. Pollard, curator-in-chief of the museum, will give an address on "Conservation, the National issue." There will also be an opportunity for brief communications of a general nature.

J. Q. Adams, *Acting Secretary*

Mr, Howard H. Cleaves, of Princes Bay, has been appointed assistant curator of the museum, and entered upon his new duties February 1. He has been a member of the Association since 1905; and has frequently contributed ornithological articles to its proceedings, as well as to the pages of *Country Life in America* and other periodicals. Mr. Cleaves has also taken many unique photographs of bird life, some of which are soon to be exhibited in the museum.

The Association may feel gratified that actual progress is being made in preparing its new quarters for occupancy. The museum staff is now complete except for the appointment of a night watchman, who will not be needed until the building is tenanted. Contracts for repairs and alterations have been given out, and the work will be pushed forward as rapidly as possible. In the mean time the study collections, implements and office furniture in the Museum in Borough Hall are being packed for transfer. The exhibition cases will be left undisturbed for the present, so that the museum may be kept open to the public up to the actual time of moving.

The most important alterations to be made at 154 Stuyvesant Place is the conversion of the whole third story front into a meeting room and lecture hall, which will be about forty feet long, and will have a raised platform with a stereopticon screen at one end. Easy access to a fire escape will be provided from this room.

With the exception of rooms devoted to offices and laboratory, the whole of the first and second floors will be devoted to exhibition. The Staten Island local collection will be given special rooms, and the art loan collection will also have special quarters. The library will be located conveniently on the second floor.

The house is to be lighted throughout by electricity and will be redecorated under the supervision of the honorary curator of art. We trust that the removal of the Museum will have been safely accomplished before the publication of the March issue of the Bulletin.

Entered as second-class matter in the Postoffice at New Brighton, N. Y., under Act of Congress of July 16, 1894

MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 32. Published Monthly at New Brighton, N. Y. MARCH, 1911.

IMPORTANT NOTICE.

The regular monthly meeting of the Association, which would ordinarily be held on March 18, will be deferred for one week, and will then take the form of a celebration in honor of the occupancy by the Museum of its new quarters. The details of this celebration, to be held March 25, 1911, are given below.

J. Q. ADAMS, *Acting Secretary.*

At a special meeting held on March 11, the Board of Trustees completed arrangements for a suitable celebration of the removal of the Museum from the room it has occupied for nearly three years in Borough Hall to the house leased for the use of the Association by the City of New York, at 154 Stuyvesant Place. The repairs and alterations to the house have been completed, and the library and collections were moved last week. It is expected that everything will be in readiness for a general housewarming on the 25th, and that the Museum will be reopened to the public on the 27th.

On Saturday, the 25th, there will be a reception from three to six o'clock, to which all members of the Association, their friends and officials of other museums in the vicinity will be invited. Refreshments will be served by the ladies of the Women's Auxiliary and the Art Loan Committees, and at 4.30 brief exercises will be held in the assembly hall, including addresses by Senator Howard R. Bayne, president of the Association, Hon. George Cromwell, president of the Borough of Richmond, and other speakers. At 6.30 a dinner of the Association will be held at Hugot's, to which prominent officials of the city government and of other public institutions will be invited. Detailed announcements will be mailed to all members of the Association, and it is the desire of the trustees that the dinner should be largely attended. The price will be three dollars, and every member is at liberty to invite guests upon his own responsibility.

One feature of the initial exhibits in the new museum will be a remarkable collection of native African implements, weapons, etc., kindly loaned by Mr. and Mrs. George S. Humphrey. This will be on view at the reopening, and will remain for two months.

The Museum staff has now been completed by the appointment of Mr. D. M. Van Name as museum guard; Mr. Alexander Forsyth as janitor and Mr. Lawrence Leidy as night watchman.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 33. Published Monthly at New Brighton, N. Y. APRIL, 1911.

LIBRARY NEW YORK BOTANICAL GARDEN

THE NEXT MEETING OF THE ASSOCIATION

will be held in the assembly hall of the Museum, 154 Stuyvesant Place, St. George, on Saturday evening, April 15, 1911, at 8.15 o'clock. An illustrated lecture will be delivered by Albert Warren Ferris, M. D., President of the New York State Commission in Lunacy, on the subject "Insanity, its causes and its prevention." This program has been arranged through the good offices of Senator Bayne, and it is hoped that the attendance of members will testify our appreciation of the compliment paid by so distinquished a visitor. Dr. Ferris is one of the most cultivated alienists of the State, and no one is better qualified, from actual study and experience, to discuss the subject of insanity.

J. Q. ADAMS, *Acting Secretary.*

SPECIAL COURSE OF SPRING LECTURES.

With the increased facilities afforded by our new museum building, it is now possible to introduce new features of interest to members of the Association. The Section of Biology has arranged for a spring course of public lectures, illustrated by the stereopticon, on successive Saturday evenings, beginning April 22, the week following the regular meeting. The subjects and speakers are as follows:

April 22—With the Seminoles in the Florida Everglades.—Mr. Alanson Skinner.

April 29—Wild Flowers of Staten Island.—Dr. A. J. Grout.

May 6—The expression of emotion in birds as shown by the camera.—Mr. Clinton G. Abbott.

The lectures will be given in the assembly hall of the museum building, 154 Stuyvesant Place, St. George, and are free to all members and their friends.

The celebration by the Association on March 25 of its occupancy of the new museum building was successful in every way. The afternoon reception was attended by over 150 persons, including many representatives of other museums and institutions in New York City. The exercises in the assembly hall were simple, consisting of addresses by President Bayne, by Dr. W. T. Hornaday, director of the Bronx Zoological Park, and by Mr. L. L. Tribus, Commissioner of public works for Richmond Borough. The Dinner in the evening was attended by about 80 members and their guests, and proved so popular that it is likely to be repeated on the same date next year.

The museum was opened to the public on March 27, and the advantage gained by its more convenient location has been proved by the excellent daily average attendance since that time. In a succeeding issue of the *Bulletin* we shall give an outline of the present arrangement of exhibits.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PULBICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 34. Published Monthly at New Brighton, N. Y. MAY, 1911.

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THE ANNUAL MEETING OF THE ASSOCIATION

will be held in the assembly hall of the museum, 154 Stuyvesant Place, St George, on Saturday evening, May 20. 1911, at 8:15 o'clock. The president will deliver his annual address, and reports of the Board of Trustees, officers and committees will be presented. Four trustees are to be elected at this meeting to fill vacancies caused by expiration of the terms of Messrs. Wm. H. Mitchill, Geo. S. Humphrey, J. Blake Hillyer, and Philip Dowell.

J Q. ADAMS, *Acting Secretary*,

The following new members of the Association have been elected by the board of trustees: Dr. and Mrs. C. W. Bliss, Mrs. W. A. Boyd, James W. Clawson, Mrs. L. A. Dreyfus, Miss Helen M. Oakley, Mrs A. J. Newbury, all of New Brighton; Mrs. Eleanor C. Gardner, Walter S. Mayer, John B. Pearson, of Tompkinsville; Mrs. Charles Metcalfe, of Great Kills, and Edward W. Lemon of Stapleton.

The section of biology has reelected its officers of the past year, Mr. William T. Davis as chairman and Mr. Howard H. Cleaves as recorder. The course of three public lectures given under the auspices of this Section was eminently successful, although the attendance was regretably small. We fear this is partly due to the neglect of some of our members to read the BULLETJN carefully and to keep themselves posted on the many privileges offered by the Association.

On May 13 the Section entertained the members of the New York and Brooklyn Entomolegical Societies at the Museum.

It is a source of gratification to friends of the American Museum of Natural History that Dr. Frederic A. Lucas has accepted the long vaccant directorship of that institution. For nine years he has been curator in-chief of the Brooklyn museum, and by his constructive ability and wise insight into public needs has elevated it to the front rank among American museums. The Staten Island Association will always be grateful for his constant support and encouragement, again manifested at our recent celebration. To the curator-in-chief of our museum personally, Dr. Lucas has been a friend of many years' standing, generous in his cooperation, and a source of inspiration in the development of new ideas. We wish him all success and happiness in the wider field of activity to which he has been called, and trust that our friends in Brooklyn may find a worthy successor.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PULBICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 35. Published Monthly at New Brighton, N. Y JUNE, 1911.

The annual report of the curator-in-chief, which was read at the May meeting of the Association, sets forth, among other needs of the museum, the importance of having at least some bookbinding done immediately. A number of years ago the various pamphlets and periodicals then in the library were bound, the necessary funds being raised by subscription. Since that time the library has increased fourfold, and it is becoming daily more difficult to care for the numerous separate parts of volumes so as to prevent their being mislaid; while it is almost impossible to guard against injury and defacement whenever they are handled extensively. It is scarcely necessary, we think, to explain that we have practically complete sets of many valuable scientific periodicals, and that the loss of even one part in the volume would practically destroy the worth of one of these sets. Convenience in consultation and the improved appearance of the shelves are minor considerations which should nevertheless have some weight.

The slender income of the Association obtained from membership fees is ordinarily all expended in the publication of the BULLETIN and the Proceedings and in the current expenses of the corporation. Moreover, it has sustained a heavier obligation than usual the past year in connection with the refitting of the museum building, for which the city budget allotment was insufficient. For this reason the bookbinding must be done by means of a subscription fund, as in the first instance. It is estimated that not less than one hundred dollars will be required to bind up all the periodicals and certain pamphlets that are likely to be used extensively. The files of old newspapers must of necessity await a much larger sum. In addition to the amount named, we need fifty dollars for the purchase of some standard works of reference, including an atlas. In the preparation of labels for exhibits, and in replying to numerous requests for information on various subjects the members of the staff are obliged to draw upon their own resources or to consume much time in consulting public or private libraries.

The BULLETIN is authorized by the president of the Association to present the urgent need of the library to the members in the confident hope that they will repeat the generosity of former years. We take pleasure in announcing that the fund has already been headed with a subscription of $25 from one member. Contributions of any amount, however, will be acceptable. They should be made payable to C. A. Ingalls, treasurer, marked "Library Fund," and addressed to the Museum at 154 Stuyvesant Place, New Brighton. We should like to be able to announce in our next issue that the fund had been raised, and the books could then be bound in readiness for the fall activities.

The new loan recently installed in the southeast hall by the committee on exhibts of the Art Section consists entirely of Staffordshire ware, and its soft coloring renders it a particularly attractive exhibit. It will remain throughout the summer months.

At the annual meeting of the Association Mr. Norman S. Walker, Jr., and Mr. Bradish J. Carroll were elected trustees for three years, succeeding Mr. J. Blake Hillyer and Dr. Philip Dowell. Mr. Wm. H. Mitchill and Mr. George S. Humphrey were reelected for the same period. The Board of Trustees has reelected its officers of the past year.

Entered as second-classmatter in the Postoffice at New Brighton, N. Y., under Act of Congress of July 16, 1894.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PULBICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 36. Published Monthly at New Brighton, N. Y. JULY, 1911.

COMMITTEES OF THE ASSOCIATION.

Following are the standing committees for the fiscal year 1911-12.

EXECUTIVE

Hon. Howard R. Bayne, *Chairman*, Dr. Arthur Hollick, Mr. C. A. Ingalls, *ex-officio*, Mr. William H. Mitchill. Mr. George S. Humphrey.

AUDITING

Mr. T. Livingston Kennedy, *Chairman*, Mr. Emil F. Kipper.

PUBLICATIONS

Dr. Philip Dowell, *Chairman*, Mr. William T. Davis, Dr. Arthur Hollick, *ex-officio*.

MUSEUM AND LIBRARY

Mr. William T. Davis, *Chairman*, Dr. J. Q. Adams, Mr. William G. Willcox, Mr. Stafford C. Edwards. Dr. Arthur Hollick.

ACCESSIONS

Dr. J. Q. Adams, *Chairman*, Mr. James R. Walsh, Mr. Bradish J. Carroll.

WOMEN'S AUXILIARY

Mrs. Arthur Hollick, *Chairman*, Miss S. Gertrude Clark, Mrs. T. Livingston Kennedy, Mrs. F. W. Skinner, Mrs. William G. Willcox.

The subject for the prize in natural science offered by the Association to pupils in Curtis High School for the year 1911-12 is "The Bird Life of Staten Island." The essay must contain not less than 2500 words, and must touch upon the following themes:—(1) General summary of the birds found upon the Island. (2) Bird migration. (3) The relation of our birds to agriculture, with specific examples. (4) Notes on some one kind of bird during the nesting season; this to include: (*a*) Time nest was found, or begun. (*b*) Date young hatched. (*c*) Number of times young are fed in any given time during the day. (*d*) How long from the time of hatching to date of departure from nest.

The composition is to be supplemented by a migration list of not less than 25 species of summer residents and transients (no winter residents or permanent residents to be included.) The three particulars to be noted in this list are: Name of species, date when first seen and locality. It will be an additional point of merit if the writer signifies whether each bird is a breeding bird on the Island or simply a migrant passing through. This is not insisted upon, but will be be taken strongly into consideration in the judging of the papers. The Staten Island bird collection at the Museum may be consulted for general information upon any desired points. The essays are to be submitted to Principal Harry F. Towle on or before June 15, 1912.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 37. Published Monthly at New Brighton, N. Y. AUGUST, 1911.

LIBRARY NEW YORK BOTANICAL GARDEN

The sum of $57 has been received for the library fund, in response to the appeal published in the June issue of the BULLETIN. This is a little over one-third of the amount asked for. We hope that with the return of members and friends of the Association from their summer vacations, the treasurer may be able to report that the fund is complete.

We take pleasure in recording the fact that the attendance at the museum during the period (a little over four months) that has elapsed since its reopening in the new quarters, has reached and surpassed the total attendance for the entire last year in the Borough Hall. This fact alone, we think, is sufficient to justify the increased appropriation received from the city, and demonstrates conclusively that a public museum on Staten Island is a public necessity.

Attention is directed to the educational exhibit of birds' eggs that has replaced the 17-year cicada exhibit, displayed during the spring and early summer. Although the egg exhibit is to be found in the local biology room, it will be noticed that not all of the eggs included are of Staten Island birds. This departure was necessary in order to show certain striking contrasts in size and other features, which would not have been possible with a strictly local collection of eggs. This exhibit is well supplemented by the Staten Island birds' nests and eggs in a neighboring case.

Mr. Pollard has devoted a number of days during the summer to field work in the immediate vicinity of New York. The entomological collections have been thus enlarged, and material has also been obtained for future educational and economic exhibits. A week was spent in camp among the Ramapo Mountains of New Jersey, in the same locality visited last year.

Mr. Cleaves spent a week on Gardiner's Island, at the eastern end of Long Island, where studies of the home lives of the American osprey, Wilson's tern, piping plover, black-crowned night heron, etc., begun the year before were continued. Another week was devoted to photographing black skimmers and laughing gulls in the wonderful bird colonies on the low, sandy island off the coast of Virginia, a short distance north of Cape Charles. Here Mr. Cleaves had opportunity to study nine species of birds that he had not met with before. On both of the above trips many interesting photographs were obtained, some of which will be shown before the Association during the coming winter season.

Visitors to the Museum will find on the table in the library current issues of several popular nature magazines kindly loaned for public use by a member of the staff. Among these are *Country Life in America*, *Suburban Life*, *The National Geographic Magazine*, *Bird Lore* and *Nature and Culture*.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 38. Published Monthly at New Brighton, N. Y. SEPT. 1911.

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We desire to make one more appeal for contributions to the library fund for the purchase and binding of books. The library is now in satisfactory shape for consultation, and it is the aim of the trustees to make it fully available for the use of the members. This is scarcely possible, however, so long as many sets of important serials and periodicals remain unbound. A pamphlet can not be handled without becoming torn and soiled; and no bookbinding has been done in our library for a number of years. About $90 is still needed to make up the sum estimated as necessary. Contributions should be sent to Mr. C. A. Ingalls, Treasurer, 154 Stuyvesant Place, New Brighton.

The museum will again participate in the annual Budget Exhibit of the City of New York, which will be held, as before, in the Tefft-Weller building, 330 Broadway, during October. The assignment of space being more satisfactory than last year, the exhibit has been a trifle enlarged. It will consist of two divisions, one containing placards showing the statistics of attendance during the five months of our occupancy of the new building as compared with attendance in Borough Hall last year for a like period; the record of accessions for the past fiscal year; a comparison of budget appropriations for the various museums in New York City; explanatory facts about our institution; and samples of educational labels used in the collections. The other division will include photographs of the building, of the two principal exhibition rooms, of our former quarters in Borough Hall, and of several special exhibits. We are again indebted to the Central Museum of the Brooklyn Institute of Arts and Sciences for its courtesy in printing a number of placards for our use in the Budget Exhibit.

Application has been made on behalf of the Association to the Board of Estimate and Apportionment for a budget appropriation in 1912 of $9,519. The increase of $519 over the current appropriation is to provide for the purchase of additional exhibition cases and for fitting up the outbuildings for museum purposes.

In the next issue of the BULLETIN we hope to make announcement of a number of important accessions. Some of these have already been delivered and are awaiting action by the Committee on Accessions, while others are awaiting delivery.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 39. Published Monthly at New Brighton, N. Y. OCTOBER 1911.

THE NEXT MEETING OF THE ASSOCIATION

Will be held in the assembly hall of the museum, 154 Stuyvesant Place, St. George, on Saturday evening, October 21, 1911, at 8:15 o'clock. The program will be of a general nature.

ARTHUR HOLLICK,
Secretary.

The museum has undertaken a series of lectures on natural history topics, for the benefit of the school children of Staten Island, to be given in the assembly hall on Friday afternoons at 4 o'clock. They will be divided into courses of varying length, each course dealing with some general subject of interest in animal or plant life. The first course, on "Owls and hawks of Staten Island" will be given by Mr. Cleaves. The dates and special subjects are as follows:

October 20. "The barred owl."
October 27. "The barn owl."
November 3. "Smaller owls."
November 10. "Red-shouldered and other hawks."
November 17. "The fish hawk."

Course 2 will deal with "Winter birds." and Course 3 with "Shore birds." All the lectures will be illustrated, and are open to all children above the fourth grade.

A highly successful meeting of the Section of Biology was held on October 11, in the library of the museum. Practically every member was in attendance, and the noteworthy experiences and captures of the past summer were discussed. Of special interest was the record of several additions to Mr. Davis' list of the Macrolepidoptera of Staten Island, published in our Proceedings last year; also the record of a bald eagle at Great Kills by Mr. Cleaves.

We hope that the Section of Art and Historical Research will follow the good example of the senior section and resume individual activities during the coming season. The sections afford good opportunity for the leisurely presentation and discussion of topics whose interest is mainly for the specialist, and which are therefore less well adapted for the more popular program of a general meeting of the Association. At the same time, the informality of these meetings promotes good fellowship and the free interchange of ideas among those who attend.

Once more we earnestly ask for a further subscription to the library fund. The sum of $73 has been received, but this is only about one-half of what is needful to put the books in proper condition and to purchase some very necessary works of reference.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 40. Published Monthly at New Brighton, N. Y. NOVEMBER 1911.

THE NEXT MEETING OF THE ASSOCIATION

Will be held in the assembly hall of the museum on Saturday evening, November 18, 1911, at 8:15 o'clock. Mr. Howard H. Cleaves will give an illustrated lecture on "The sea birds of the Virginia coast islands."

J. Q. Adams
Acting Secretary

The children's lectures on natural science topics, begun on October 27, are proving highly successful. The assembly hall is filled to its capacity every Friday, and the audience pay eager attention to the talk as well as to the beautiful slides thrown on the screen. The lectures are given at 4 o'clock, the doors being open ten minutes before that hour.

The present course will conclude on November 17, and course 2, on "Winter birds" will begin the following week, the special topics being as follows: November 24, "Sparrows and finches," December 1, "The crow, bluejay, and others;" December 8, "Gulls, ducks and grebes;" December 15, "How to attract winter birds."

This course will also be given by Mr. Cleaves.

The cabinet containing Staten Island butterflies and moths has been temporarily removed from the local biology room in order to permit the addition of material collected the past summer. Its place has been filled by a case of marine algae or seaweeds, mostly of the species found in New York Bay. These seaweeds are floated out on cards, and when dried under pressure retain their beautiful colors almost unimpaired.

The museum is now as well protected from the danger of fire as may be possible in a non-fire proof building. A Minimax chemical extinguisher has been installed on each floor, and sixteen fire buckets are located in suitable positions throughout the building. Fire tools are placed conveniently on the first floor.

Mr. William T. Davis, honorary curator of zoology, left for Florida on November 1, for a three weeks' collecting trip. He was accompanied by Mr Charles W. Leng, honorary curator of Coleoptera in the American Museum of Natural History, and by Dr. F. E. Lutz, assistant curator of invertebrates.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

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BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 41. Published Monthly at New Brighton, N. Y DECEMBER 1911.

THE NEXT MEETING OF THE ASSOCIATION

Will be held at the museum, St. George, on Saturday evening, December 16, 1911, at 8.15 o'clock. Dr. J. Q. Adams will give an illustrated lecture on "The beauty of machine-made things."

J. Q. ADAMS.
Acting Secretary

The trustees have elected the following persons to membership: Miss Frances M. Tollett, New Dorp; Mr. Leonal W. Hoffmeyer and Mr. Wm. R. Hayward, New Brighton; Mr. Ernst Heinemann, Fort Wadsworth; and Mr. Abram L. Burbank, West New Brighton.

Mr. Charles P. Benedict has been elected a patron of the Association in recognition of his extensive gifts of natural history specimens to the museum.

The third course of Friday afternoon children's lectures by Mr. Cleaves consists of two topics only: December 22, "The spotted sandpiper and the killdeer", December 29, "Some other interesting snipes and sandpipers." For the fourth course, in January, an exchange has been arranged with the Children's Museum in Brooklyn, which promises to be of interest and profit to both institutions. Miss Lee, assistant curator in the Children's Museum, will lecture here at the usual hour on Fridays in January, giving two historical topics and two on nature study. Mr. Cleaves will give four lectures on birds at the Children's Museum on Saturdays in January at 2.30.

The Museum lectures are open to all children above the fourth grade. Younger children should not be brought to the museum at this hour.

Through the generosity of Mr. William T. Davis, of the Board of Trustees, the Museum has obtained most of the mounted birds belonging to the late John J. Crooke of Great Kills. The collection includes a good specimen of passenger pigion, a bird formerly abundant in this vicinity but now believed to be extinct; also two Carolina Paroquets, examples of a nearly extinct species.

Following is a list of donors to the museum and library during the month of November: Mrs. H. Prescott Wells, Miss Gladys Hasson, Miss Agnes L. Pollard, Messrs White, C. F. Groth, Frank Watson, C. L. Pollard, Robert Strachan, Eugine McCallion, Frank M. Jones, George Franck, J. W. Angell, Howard H. Cleaves, William W. Bryan, the Children's Museum and the U. S. National Museum.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 42. Published Monthly at New Brighton, N. Y. JANUARY 1912.

THE NEXT MEETING OF THE ASSOCIATION

Will be held in the assembly hall of the museum, 154 Stuyvesant Place, St. George, on Saturday evening, January 20, 1912, at 8:15 o'clock. Mr. George L. Mitchill, M. E. will give an illustrated lecture on "Tramp currents and their peculiar effects,"

J. Q. ADAMS.
Acting Secretary

Within the present month the museum has been greatly enriched by the gift of a notable art collection from Mr. Wallace MacDonald as a memorial to his mother, the late Mrs. Francis MacDonald of Stapleton. The collection consists chiefly of Grecian, Roman, Etruscan and Egyptian antiquities, with some modern pottery and some miscellaneous objects, including among other articles of interest an early parchment containing a holograph transcription of the Book of Esther; an ancient Hebrew marriage certificate; and two excellent examples of early Italian majolica plaques. The largest and most valuable part of the collection, however, is the pottery, metalware and glassware of ancient Greece and Rome, embracing an extensive series of vases, bowls, lamps, figurines, etc., representing various periods from the eighth century B. C. to the Roman empire. Many of these come from Pompeii.

The value of the collection has been greatly enhanced for museum purposes by the fact that Dr. Edward Robinson director of the Metropolitan museum of Art, very courteously accepted an invitation of the curator-in-chief to visit our museum, and spent an afternoon examining the articles. For this kindly service we are greatly indebted to Dr. Robinson, who is one of the foremost authorities on Greco-Roman antiquities. His identification of the period and locality to which each piece belongs has made it possible to arrange the collection, for exhibition earlier than was anticipated, although naturally a number of specimens will have to be taken to the Metropolitan Museum for comparison before the full data can be given. The larger part will be ready for exhibition in the archeology room on and after January 15.

Mr. MacDonald has also donated a fine series of European corals, shells, paleozoic fossils and minerals, many of which will ultimately be placed in the exhibition series.

Through the generosity of Mr. William G. Willcox, the assembly hall and trustees' room have been equipped with a suitable linoleum covering for the floors, and all the staircases have been refinished with the natural wood treatment

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The January course of children's lectures, which is being given on Friday afternoons by Miss M. D. Lee, of the Children's Museum in Brooklyn, is well attended, and the talks are evidently greatly appreciated. Mr. Cleaves gives the exchange lectures in Brooklyn at 2:30 p. m. on Saturdays.

Accessions to the museum and library during December were received from the following: Messrs. Benjamin A. Smith, W. E. Snyder, W. T. Davis, J. R. de la Torre Bueno, Charles L. Pollard, C. E. Olsen, J. W. Angell, and Leland Wincapaw.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 43. Published Monthly at New Brighton, N.Y. FEBRUARY, 1912.

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THE NEXT MEETING OF THE ASSOCIATION

Will be held in the assembly hall of the museum, Stuyvesant Place and Hyatt St., St. George, on Saturday evening, February 17, 1912, at 8:15 o'clock. Leland O. Howard, M. D., Ph. D., Chief of the Bureau of Entomology, U. S. Department of Agriculture, will give an illustrated address on "The necessity for a national quarantine against injurious insects and plants."

J. Q. ADAMS,
Acting Secretary.

At the February meeting of the Board of Trustees Mr. William T. Davis of New Brighton, and Mr. Wallace MacDonald, of Chicago, were elected patrons of the Association in recognition of their recent gifts to the museum, as recounted in the *Bulletin*. The following new members were elected: Mr. George M. Lillie, Mrs. George M. Lillie, Brighton Heights; Mr. S. D. Scudder, Mrs. S. D. Scudder, Dr. Charles E. Pearson, Tompkinsville.

Accessions were received during January from Leland Wincapaw, William Wincapaw, George P. Engelhardt, C. W. Leng, G. W. J. Angell, J. W. Angell, William T. Davis, Jacob Doll, Charles L. Pollard, American Museum of Natural History, Werner Boecklin, Harold K. Decker, Ernest Schroeder, C. R. Tucker, Arthur Hollick.

The museum has rejoiced for several weeks in the possesion of a live opossum, given by Mr. Henry Martin, by whom it was captured near New Springville. Patsey, as it has been named, is about two-thirds grown, and like others of his kind, is of somnolent habit during the day, but fairly active at night. His disposition is not of the best, as he continues to show his teeth when handled or approached; but he is too sluggish to display more active resentment.

The opossum was formerly a common animal on the island, but the destruction of the woodlands has caused it to become rare, and this is the first capture of which we have knowledge within several years.

The museum also has a live flying squirrel, the gift of Master Harold K. Decker, who contributed a mounted specimen of the same animal. The squirrel is a far more attractive pet than the opossum, although he, too, is nocturnal and spends most of the daylight napping in his box.

By the rearrangement of some of the storage cases, some valuable space has been released in the general biology room for further exhibits. An entirely new installation is being planned for this room.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PULICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 44. Published Monthly at New Brighton, N.Y. MARCH, 1912.

THE NEXT MEETING OF THE ASSOCIATION

Will be held in the assembly hall of the museum, Stuyvesant Place, and Hyatt Street, St. George, on Saturday evening, March 16, 1912, at 8:15 o'clock. Mr. John B. Golden will deliver an illustrated lecture on "The Military Academy at West Point."

J. Q. ADAMS,
Acting Secretary.

Children that visit the museum invariably display more interest in living specimens than in mounted or stuffed ones, and partly on this account it has been the policy of the museum to keep live animals on exhibition in the general biology room on the second floor. Some of these, being less adaptable to artificial conditions than others, have pined away. Such has been the case with the opossum, clapper rail, blue-tailed skink, tree toad, two newts, toad fish, spotted salamander, red-bellied terrapin and a number of Florida chameleons. One chameleon, several turtles and a bright-eyed flying squirrel are still with us; and to these have recently been added a cage of six living meadow or field mice. These little creatures are exceedingly quick of motion, with black, shining, beadlike eyes that are ever open and watchful. They have diminutive tails, very short legs, thick coats of fluffy, grayish-brown fur and an appearance not unlike minature muskrats, with the exception of their tails. They are very different from house mice and it is hoped that the children as well as the "grown-ups" will grasp this fact. There are persons who are apt to believe that mice are mice, and birds are birds, and who refuse to be convinced that there are almost endless species and varieties of each. We have even heard of one man who insists that mice are nothing but young rats.

The meadow mice, of which the exhibition in the museum are examples, abound in all parts of rural Staten Island where open fields, orchards and salt meadows occur, and are beyond a doubt our most abundant mammal. The captives were taken by hand from their runways under pieces of tarred paper that have for years lain spread upon the ground on a portion of Lake's Island, near Linoleumville, Staten Island. The little creatures seek shelter from storms and exposure under the water-proof tarred paper and each spring and fall numbers of meadow mice may be captured here in the manner above mentioned. The mice have now been in the museum for two weeks and are apparently happy and as contented as mice can be, thriving on a diet of apples and oatmeal. Ordinarily meadow mice are herbivorous, but occasionally they develop carnivorous and cannibalistic tendencies, for even in the wild state they are known to fall upon each other in mortal conflict, the victor devouring the body of his adversary after the fray.

The sixth course of Friday afternoon children's lectures, which is now progressing, includes three talks on "Plant Life" by Miss Pollard, and a special lecture, to be given on March 22, by Mr. Pollard, the subject of which is "A Trip to Cuba."

Recent accessions to the museum and library have been received from the following: Harold Aubry, James Ball, Wm. T. Davis, Miss S. Jennie Kingsley, C. W. Leng, Henry Martin, Sanderson Smith, Ballingall Sullivan.

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MAR 14 1911

MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 45. Published Monthly at New Brighton, N.Y. APRIL, 1912.

THE NEXT MEETING OF THE ASSOCIATION

Will be held in the assembly hall of the museum, 154 Stuyvesant Place St. George, on Saturday evening, April 20, 1912, at 8:15 o'clock. Dr. Arthur Hollick, secretary of the Association, will deliver an illustrated lecture on the topic "Eleven hundred miles by canoe down the Yukon."

J. Q. ADAMS, *Acting Secretary.*

The trustees have elected the following persons to active membership in the Association: Mr. Charles J. McCormack, Mr. F. Winthrop White, Mr. Ralph Woodend, New Brighton; Judge J. Harry Tiernan and Mr. John B. Golden, Stapleton.

For accessions during March the museum is indebted to Messrs. J. W. Angell, Lawrence S. Barroll, John Callahan, George E. Engelhardt, Robert W. Gardner, C. W. Leng, Ernest Schroeder, R. J. Smith, Henry Wort and Miss Mary Beyer.

OUR VANISHING WATER-FOWL.

Time was when Staten Islanders might go forth on March mornings and mark the well-nigh endless procession of Canada geese flying high and honking their way into the north in well formed V-shaped detachments. Well within the memories of the older residents of the Island was the time when it was possible to go to the shores at New Dorp, Great Kills and Princes Bay and gaze upon the ducks—bluebills, shelldrakes, whistlers, old-squaws, butter-balls, dusky ducks, white-winged and sea coots (to adopt the names adopted by the fishermen and baymen) flying hither and thither, changing from one feeding ground to another, diving, resting on the surface, preening themselves and traveling by on short journeys at rates of speed varing from twenty to eighty miles an hour. There were also numbers of brants, loons and grebes, not to mention numerous shore birds and others that frequent bays and creeks.

But conditions have changed and are still changing. The feeding grounds have been disturbed and destroyed; civilization has crowded in; and, worst of all, pot hunters and ne'er-do-wells with guns have pursued and persecuted the birds until the flocks of to day are but sad suggestions of those that are gone. It is onlv rarely that we now see a flock of wild ducks in the harbor, although a few weeks ago the writer noted a flock of twelve "whistlers" while crossing to Manhattan on the ferry. However, in severe winters the ducks appear in goodly numbers in the Lower and Raritan bays, and during the unusual rigors of the season 1911-1912, just past, it was gratifying to note large flocks of several kinds and to record more different species than have come under our notice in a single winter for many years. During this visitation some collecting was done, the result being that the museum is now in possession of specimens of the beautiful little buffle-head or spirit duck, red-breasted merganser or shelldrake, goldeneye or whistler, old-squaw or old-wife and American merganser or sawbill. It may be that some of these ducks a few years hence will have disappeared from Staten Island waters, and the preservation of locally captured specimens for our collection is therefore especially desirable.

H. H. C.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 46. Published Monthly at New Brighton, N.Y. MAY, 1912.

THE ANNUAL MEETING OF THE ASSOCIATION

Will be held in the assembly hall of the museum, Stuyvesant Place and Hyatt Street, St. George, on Saturday evening, May 18, 1912, at 8:15 o'clock. The president will deliver his annual address, and the reports of the Board of Trustees and other officers will be presented. Four trustees will be elected for a term of three years to succeed Howard Randolph Bayne, William Thompson Davis, Arthur Hollick and Charles Arthur Ingalls, whose terms expire on this date.

Mr. Charles L. Pollard, curator-in-chief, will also give an illustrated address on "The future development of the museum," illustrated by plans.

ARTHUR HOLLICK, *Secretary.*

On the evening of May 29, at 8:15 o'clock, the Section of Biology will meet in the assembly hall of the museum. Entomologists of the New York, Brooklyn and Newark Societies will be invited to attend the meeting, which will take the form of a memorial to the late Dr. John B. Smith, state entomologist of New Jersey. It is extremely appropriate that the Association should thus recognize not only the important services of Dr. Smith in the work of mosquito extermination on Staten Island, but his cordial interest in the early stages of our museum and his liberal gift of specimens. Addresses will be made by several entomologists personally acquainted with Dr. Smith's life and work; and members of the Association are invited to be present.

The American Association of Museums will hold its annual convention in New York City during the week beginning June 3. The Board of Trustees has extended an invitation to the members to visit the museum on the afternoon of Saturday, June 8, when it is proposed to entertain them by a tour of the island in automobiles kindly loaned for the purpose by members of the Association, followed by an inspection of the museum, refreshments being served by the Women's Auxiliary Committee. Special announcements will be sent to the members when detailed arrangements have been completed. The curator-in-chief will take this occasion of celebrating the completion of five years in the service of the Association, in place of the actual date of his appointment, June 17, 1907.

Accessions have been received during April from Messrs. J. W. Angell, H. H. Cleaves, John De Morgan, Stafford C. Edwards, Arthur Hollick, Herbert K. Job, C. W. Leng, Donald Macken, Charles Schaeffer, Ernest Shoemaker, Leland Wincapaw, Charles Young, and Mrs. William G. Willcox. One of the most valuable of these is the gift of Mr. Leng, which consists of specimens of long-horned beetles from the famous Luetgens collection, comprising both native and exotic species, many of which were entirely unrepresented in our collections. This group of beetles is of economic interest, as the larvae often bore into shade and fruit trees and do considerable damage. A case containing the more showy exotic forms is being prepared for exhibition.

The albino rat presented by Mr. Harold Decker is a remarkably perfect specimen, and so tame that he has become a great pet in the museum.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 47. Published Monthly at New Brighton, N.Y. JUNE, 1912.

As announced in the May BULLETIN, the American Association of Museums held its sessions in New York during the week of June 3rd, 1912. Meetings took place at the American Museum of Natural History, the Metropolitan Museum of Art, the Museum of the Brooklyn Institute of Arts and Sciences, the New York Zoological Park, the New York Botanical Garden and the Museum of the Staten Island Association of Arts and Sciences. The visitors to Staten Island, numbering over twenty-five, were given a tour about the Island in automobiles and later in the afternoon were welcomed at the museum building in Stuyvesant Place and served with refreshments. An inspection of the museum followed.

Two new exhibits have recently been installed in the museum, of which the one showing "Mosquitoes of Staten Island and Vicinity" should be of special interest to Staten Islanders. Containing both drawings (showing the insects much enlarged) and actual specimens mounted on points, as well as some "wigglers" or mosquito larvae in alcohol, this exhibit points out that there are about twenty-five different species of mosquito on Staten Island. Fortunately, however, the descriptive label explains that not all of these need be feared by man. Only one species (Anopheles) carries the malaria germ.

The second exhibit should appeal to those who visit the museum in quest of the curious and unusual. It consists of a large series of longicorn or longhorn beetles, the gift of Mr. Charles W. Leng. These insects are so distinctive in appearance as to attract attention at once, being spotted, striped and barred with various bright colors and possess great diversity of size and shape, some being quite small while others have bodies nearly three inches in length. Some of the antennae or "feelers" are fully three or four times the length of the body—thus giving rise to the name "longhorn." In two or three cases these antennae are adorned with grotesque patches of bristles or hairs; others are curved back in such a manner as to present the appearance of a ram's head.

1913 PRIZE ESSAY CONTEST.

The subject and conditions of the annual prize essay contest, open to all students in Curtis High School, are set forth below:—

AN ESSAY of not less than 1000 words upon the physical geography and biology of any local geographic feature, accompanied by specimens of rocks, soils, plants, insects, etc., collected in connection with the features described.

CONDITIONS. *

(a) The essay must be written in ink, on one side of the paper only, not rolled or folded, and must be handed to the principal of Curtis High School on or before June 15th, 1913.

(b) Each specimen must have some relation to the subject matter described or discussed in the essay and such relationship must be clearly expressed in the text.

(c) Each specimen must be accompanied by a suitable label, giving the scientific name or common name, locality where collected, habitat, etc.

(d) All specimens to be submitted should be suitably prepared under the general instructions of the teacher of nature study in the school.

(* Further suggestions may be obtained at the museum.)

During the past month the following have been elected to membership in the Association: Leland Wincapaw, Princes Bay, and Irving W. Smith, Port Richmond.

Accessions have come from:—Howard R. Bayne, H. H. Cleaves, American Museum of Natural History, William T. Davis, E. C. Delavan, Jr., R. P. Dow, Alexander Forsyth, Serafino Fratello, Michael Grae, Peter Herman, Dr. Jacob Hirsch, Arthur Hollick, Charles Kipper, Alexander Light, Wm. J. Quinlan, D. M. VanName and Frank Watson.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 48. Published Monthly at New Brighton, N.Y. JULY, 1912.

LIBRARY N.Y.

Mr. Howard H. Cleaves, assistant curator, left Staten Island June 29 for an expedition to Yarmouth, Nova Scotia, where he will study and photograph the birds of that region, and will also make collections of insects and other biological material for the museum. Many of the photographs will doubtless be utilized in the children's lectures to be given next season.

The museum is making a tentative experiment with children's gardens the present summer. The rear portion of the grounds was spaded up, and a selected body of children from Public School 17 divided it into beds and made plantations of flowers or vegetables as they desired. Some of the beds have been entirely neglected, but others have been watched and tended with care, and are now yielding small but doubtless satisfactory crops of radishes, lettuce and beans.

If the experiment is justified, the work will be organized each year on a more systematic basis, and the gardens will not be limited to a single school. The advantages of this work are, that it offers occupation to children remaining in the city during the summer, that it promotes an interest in agriculture, and by the periodic attention required it fosters the habit of application. Incidentally the museum gains by attracting an increased attendance during the dull season.

The attractive collection of Colonial relics lent to the museum by Mrs. D. H. Gildersleeve is one of the features of the central hall on the first floor. It includes old ambrotypes and silhouettes, handsomely illuminated chintz of the variety known as "copperplate," old pewter, etc.

There is now in the museum a live pine snake, obtained by Mr. Pollard from Lakehurst, N. J. It is full grown, and is slightly over six feet in length, although the species has been known to attain a length of eight feet. Its food consists of birds, birds' eggs and small rodents, which it captures in its coils, being a true constrictor. Our specimen has been fed upon hen's eggs, which it swallows without breaking the shell. The elastic jaws are stretched until they compass the large end of the egg, and the latter is engulfed by powerful suction muscles, and drawn down to the stomach, where it is finally broken and digested, shell and all. The snake refuses, however, to perform the interesting operation in the presence of visitors, much to the regret of the juvenile element.

Accessions were received in June from the following: C. C. Abbott, Howard R. Bayne, C. P. Benedict, Wm. T. Davis, E. C. Delavan, John Rader, L. L. Tribus, John Wort.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

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BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 49. Published Monthly at New Brighton, N.Y. AUGUST, 1912.

Contracts will shortly be let for repairs and alterations to the stable on the museum grounds. An item of $500 for this purpose was included in our annual budget for the current year, and the original intention of the Board of Trustees was to use the first floor for storage and laboratory purposes, and to convert the second floor into a janitorial residence. The amount having proved insufficient to carry out the latter plan, no changes will be made on the second floor except for the addition of new windows. The staircase will, however, be enlarged, and this floor will be available for the storage of large boxes or cases not requiring frequent examination. The first floor will be divided into three rooms; the entrance will be to the large west room, which will be equipped with shelving and cupboards for temporary storage. The general study collection of minerals and fossils will also be kept here. The middle room will be equipped as a carpentry and printing shop, and the small east room will serve for storage of packing cases and lumber. Provisions will be made for heating both work rooms in winter. The use of this building will greatly aid the congestion in the museum itself. By the removal of the carpenter's workbench, the printing outfit, and the bulky mineral collection from the kitchen or laboratory, the latter will be more available for taxidermy and other preparatory work, and space will also be afforded for a photographic darkroom, which has been found almost a necessity in connection with the lectures carried on by the museum. At the same time the various laboratory supplies in constant use, such as glassware, paints, chemicals, etc., will be more easily accessible.

Another change in contemplation is the removal of the ornate mantel and mirror from the rear hallway of the museum, and the erection of a case to contain part of the MacDonald collection of art objects.

Our faithful museum guard, Mr. D. M. VanName, was stricken, within a week after his return from a two weeks' vacation, with a serious illness which has necessitated his removal to the Smith Infirmary. An operation was performed on July 27, from which he rallied remarkably well, although his condition is still serious. The Bulletin extends to Mr. VanName the sympathy of the Association and the best wishes for an early recovery to health.

Mr. George Elliott, formerly an agent of the Society for the Prevention of Cruelty to Animals, has been appointed acting museum guard.

The president has appointed Mr. Charles Louis Pollard chairman of the publication committee to succeed Dr. Philip Dowell, resigned.

Accessions during July were received from C. C. Abbott, Mrs. Henry E. Wallace, Lieut.-Col. Wirt Robinson, Alanson Skinner, Louis Achilles, Abraham E. Wood, J. Blake Hillyer and J. W. Angell.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 50. Published Monthly at New Brighton, N.Y. SEPTEMBER, 1912.

We hope to annonnce in the next issue of the Bulletin the tentative schedule of school lectures to be given in the museum during the coming season. It is probable that the lectures will begin during the latter half of October, and will continue to April. In addition to the Friday afternoon courses for upper grade pupils a course for high school students and one for children in the primary grade is in contemplation.

A blackboard has been purchased for the assembly hall, as a further aid in illustrating the lectures.

During the current year the city has been installing a uniform system of bookkeeping, not only in all its own departments, but in all institutions receiving and dispensing municipal budget appropriations. Owing to the courtesy of the experts assigned to our accounts, the system was installed in the museum during the past summer without great difficulty or loss of time, and is now operating smoothly. It is believed that a large sum will be saved to the city annually by the the use of the same blanks, ledgers, etc., in all departments, and by the greater facility in handling separate accounts.

The Museum's experiences with living birds have been most discouraging on the whole, due probably to several contributing causes, chief among which are lack of space, difficulty of procuring proper food and injury to the specimen before its capture. A Maryland yellowthroat flew against a plate-glass window at Great Kills in the fall of 1911, but seemed to be unharmed and was taken to the museum. It was apparently contented, and ate flies that were put into its cage, but neverless died within a few hours. A screech owl captured in West New Brighton during the coldest part of the winter of 1911-1912 remained bright and active for two or three days but refused to eat the raw meat that was offered him and presently appeared as a mounted specimen in the local biology room.

Two clapper rails or marsh hens were found in the snow-covered salt marshes of the Long Beach reigon of Long Island on January 28, 1912, fully three months after the last of their kind should have departed for the south. For some reason they had failed to migrate and exposure and lack of food had rendered them almost helpless. One of these birds was placed in the cage with the turtles in the general biology room and became so bold as to take mealworms from the hand without hesitation. He often preened himself, occasionally stood sleeping with his head under a wing and even felt so much like himself that he made the whole museum resound with his long rolling call—a typical sound of the marshes. Yet within twenty-four hours, or three days after his capture, the bird died. On August 23, 1912, a Carolina rail or sora was found floating about at the mercy of the tide at Seguine's Point. One wing was badly broken and had to be amputated but in spite of his injury he seemed at ease and made himself at home in the turtle inclosure, standing at times on the turtles' backs as if they were so many rocks. He was less forward about approaching the hand for food but finally became tame enough to eat earthworms from the fingers. On the fifth day a green heron arrived (having a slightly injured right wing) and was turned loose in the cage with the rail. The latter seemed not to his liking and was dealt a vicious blow on top of the head with the heron's sword-like beak. Whether from this cause or not we cannot tell, but the rail died the following day. The heron was as wild and untamable as one might expect, and survived but three days, making only a feeble effort to devour some morsels of fish, his favorite food.

Accessions during August were received from the following: E. Chesley Allen, C. P. Benedict, N. P. Bevin, H. H. Cleaves, Duncan Cushman, Jacob Doll, W. W. Grant, G. K. Noble, Frank Watson.

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MUSEUM BULLETIN

OF THE

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BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 51. Published Monthly at New Brighton, N.Y. OCTOBER, 1912.

THE NEXT MEETING OF THE ASSOCIATION

will be held in the assembly hall of the museum, 154 Stuyvesant Place, St. George, on Saturday evening, October 19, 1912, at 8:15 o'clock. The program will be of a general nature. Refreshments will be served at the close of the meeting.

J. Q. ADAMS,
Acting Secretary.

The trustees have elected to active membership Dr. Henry G. Steinmeyer, Stapleton; Dr. Sidney G. Carney, Tompkinsville, and Mr. Ernest Shoemaker, Brooklyn. Mr. Shoemaker has qualified as a life member.

The regular Friday afternoon lectures for children of all grades above 3B will be resumed on October 25, and will be continued until the end of March. The hour, 4 p. m., is unchanged from last year. It has been decided, however, to issue tickets for these lectures, both in order to prevent overcrowding and to keep a record of the attendance, whereby it can be determined what classes or individuals are gaining the greatest profit from the lectures. These tickets may be obtained free of charge at the museum on and after Monday, October 21.

The first course, consisting of five lectures, will be given by Mr. Cleaves, the general subject being on the classification of birds, and how the leading groups may be known. The dates and special topics are as follows:

October 25. How birds are studied and classified.
November 1. Birds of prey.
" 8. Water and shore birds.
" 15. Gallinaceous birds.
" 22. Perching birds.

The publication committee has in hand the preparation of new circulars of information concerning the Association and the Museum, giving a brief history of the former and a synopsis of the more important collections in the latter. There is quite a demand for this information from strangers who visit the museum and we take this opportunity of suggesting to members that they use the circulars freely among their friends. The splendid response that is now being made to the appeal on behalf of the Smith Infirmary shows what can be accomplished through a determined canvas. Surely it ought not to be difficult for every one of our present members to gain two new recruits for the Association, at the trifling membership fee of three dollars. It is certain that such an addition to our income would greatly promote our work for the public welfare by opening new channels of activity.

Accessions were received during September from J. W. Angell, Harold Aubry, H. H. Cleaves, Alexander Forsyth, W. W. Grant, J. Blake Hillyer, 3d, Edmund Judson, Charles Kipper, W. A. Murrill, C. L. Pollard, R. J. Smith, Leland Wincapaw, and Mrs. E. N. Dixon.

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MUSEUM BULLETIN

OF THE

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BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

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THE NEXT MEETING OF THE ASSOCIATION

will be held in the assembly hall of the museum, 154 Stuyvesant Place, St. George, on Saturday evening, November 16, 1912, at 8:15 o'clock. The program will be under the auspices of the Section of Biology, and Mr. Howard H. Cleaves, assistant curator, will give an illustrated lecture entitled "Camping in Nova Scotia."

J. Q. ADAMS,
Acting Secretary.

Arrangements have been completed for the course of high school lectures to be given on Monday afternoons, and the list of dates, speakers and subjects follows. On behalf of the museum we desire to express our deep appreciation of the courtesy extended by visiting lecturers from other institutions, particularly the American Museum of Natural History.

The lecture by Mr. Andrews on February 3 will be given at 8 p. m. All other lectures will be given at 3 p. m.

These lectures are intended for students of Curtis High School and for those equally advanced in private schools. As the museum maintains a course of Friday lectures for pupils in the grade schools, younger children cannot be admitted to the high school lectures. Adults will be admitted, however, in case the hall is not filled with the school attendance. No tickets for the course are required.

November 18	"Camping in Nova Scotia." Mr. H. H. Cleaves, asst. curator.
December 2.	"Five weeks at Jaun Vinas, Costa Rica." Mr. Charles H. Rogers, of American Museum of Natural History.
December 16.	"Frogs in Crayon." Mr. Dwight B. Franklin, assistant, American Museum of Natural History.
January 6.	"Glaciation on Staten Island." Dr. Arthur Hollick, curator, N. Y. Botanical Gardens,
January 20.	"Plant Life in the Desert." Mr. E. L. Morris, acting curator-in-chief, Museums of the Brooklyn Institute of Arts and Sciences.
February 3.	"Through the Wilderness of Northeastern Corea." Mr. Roy C. Andrews, assistant curator, American Museum of Natural History.
February 17.	"A Canoe Journey down the Yukon." Dr. Arthur Hollick.
March 3.	"Down the Rhine on a Bicycle." Dr. J. Q. Adams, secretary, Municipal Art Commission.
March 17.	"The Menominee Indians." Mr. Alanson B. Skinner, assistant curator, American Museum of Natural History.
March 31.	"Across the Florida Everglades." Mr. Alanson B. Skinner.

Accessions during October were received from the following persons: Miss F. M. Tollett, Mrs. James R. Walsh, Messrs. J. W. Angell, Howard R. Bayne, H. H. Cleaves, W. T. Davis, Harold Decker, Alexander Forsyth, O. Fulda, O. P. Geoffroy, C. L. Pollard.

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MUSEUM BULLETIN

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THE NEXT MEETING OF THE ASSOCIATION

will be held in the assembly hall of the museum, 154 Stuyvesant Place, St. George, on Saturday evening, December 21, 1912, at 8:15 o'clock. Dr. J. Q. Adams, of the Municipal Art Commission, will deliver an illustrated lecture on "Franz Hals, Rembrandt, and other guild painters of Holland."

A loan exhibit of photographic and other reproductions of famous paintings by the Dutch masters referred to in the lecture will be placed in the hall, and will be open to inspection on the evening of the meeting and for a period of ten days thereafter.

J. Q. ADAMS,
Acting Secretary.

The trustees have elected to active membership Miss Bessie E. Davis and Mr. Courtlandt V. Anable, New Brighton; Mr. Henry A. Tabb, Arrochar; and Mrs. Percival S. Ullman, Huguenot Park.

The last lecture in the present course of Friday afternoon children's lectures will be given on December 20. There will be an intermission during the holiday season, and on December 27 Mr. Cleaves will hold an examination for the benefit of children wishing to compete for the prize which he is offering for the best paper on the two courses of bird talks. The lectures will be resumed in January, the third course, also given by Mr. Cleaves, being as follows: January 10, Volcanoes and earthquakes; January 17, Rocks and their products; January 24, Rivers and their work; January 31, Shore lines and wave action.

In January Miss Pollard will begin a course for the primary grades, below 4A and 4B; these talks will be given on Monday afternoons at 4 o'clock, alternating with the high school lectures. The dates and subjects are as follows: January 13, Trees of Staten Island; January 27, Arctic animals; February 10, Animals of the jungle; February 24, Wonders of the sea.

On December 28, at 8.15 o'clock, a special lecture, to which all members of the Association and their friends are invited, will be given in the assembly hall of the museum by Miss Helen E. Cleaves, Assistant Supervisor of drawing in the Boston Public Schools.

In conformity with our general policy of extending the activities of the museum along beneficial lines, a troop of Boy Scouts has recently been organized, of which Mr. Pollard is the scout master, and which is known officially as the First St. George Troop. At present it consists of one patrol of eight boys, but will probably be increased to two or three more patrols durthe winter. The trustees have granted permission to the troop to hold its indoor meetings in the museum and to use the museum workshop under supervision. In return the boys will promote the interests of the museum among their friends and will assist in its work whenever possible. During the spring the troop will probably arrange for an exhibition of scoutcraft for the benefit of the Association.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 54. Published Monthly at New Brighton, N.Y. JANUARY, 1913.

THE NEXT MEETING OF THE ASSOCIATION

will be held in the assembly hall of the museum, 154 Stuyvesant Place, St. George, on Saturday evening, January 18, 1913, at 8:15 o'clock. Mr. Edward L. Morris, Curator of Natural Science in the Brooklyn Museums, will deliver an illustrated lecture on "Plant Life in the desert." Refreshments will be served after the meeting.

ARTHUR HOLLICK,
Secretary.

The Association dinner held on the occasion of the reopening of the museum March 25, 1911, after its removal from Borough Hall, proved so successful that all who were present expressed the hope that it might be repeated annually. Although one year has been allowed to pass, the sentiment of the Association remains the same, as evinced by the unanimous endorsement at the December meeting of the proposition made by the Board of Trustees, to hold another dinner on March 25, 1913. Preliminary arrangements and details are in the hands of a committee consisting of Dr. J. Q. Adams, Mr. C. A. Ingalls and the curator-in-chief. This committee will be ready to report in full at the February meetings of the Board and the Association.

Among the distinguished guests who have been invited or will be invited are Presidents McAneny and Cromwell, District Attorney Whitman, Mr. Robert W. de Forest, president of the Municipal Art Commission, Director Edward Robinson of the Metropolitan Museum of Art, and Director Frederic A. Lucas of the American Museum of Natural History.

The publication committee is now preparing a new circular of information concerning the Association and the museum, to be printed as a booklet of convenient form for general distribution. It will be accompanied by membership blanks, and the committee invites the cooperation of members in placing these booklets in the hands of those likely to read them.

Volume IV, Parts 1 and 2 of the Proceedings are now in press. These parts bring the publication up to May, 1912.

The First St. George Troop of Boy Scouts now includes nine boys, with five more recruits preparing for their tenderfoot examinations. Mention has already been made in the local press of the good work done by the troop on December 14 in putting out a forest fire near Richmond.

Accessions were received during November and December from the following: J. W. Angell, Howard R. Bayne, Samuel Brick, Jr., R. J. Cook; William T. Davis, John DeMorgan, H. C. Horton, Edward McQuillan, Col. Wirt Robinson, J. W. Salsman, Charles Schaeffer, E. H. Schnakenberg, Ernest Shoemaker, Alanson Skinner.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 55. Published Monthly at New Brighton, N.Y. FEBRUARY, 1913.

THE NEXT MEETING OF THE ASSOCIATION

will be held in the assembly hall of the museum, 154 Stuyvesant Place, St. George, on Saturday evening, February 15, 1913, at 8:15 o'clock. Dr. Arthur Hollick will deliver an illustrated lecture on the "BIG TREES OF CALIFORNIA." After the meeting refreshments will be served.

ARTHUR HOLLICK,
Secretary.

Our museum is fortunate in having the Children's Museum of Brooklyn as a friend and ally. Last year its staff cooperated with us in the matter of children's lectures, Miss Mary D. Lee, Asst. curator of that museum, delivering four lectures here, while Mr. Cleaves gave four at the Brooklyn institution. A like plan was effected this winter, the dates and subjects of Miss Lee's talks (open to all pupils above 3rd grade) being as follows: Feb. 7—"Indians of Yesterday and To-Day"; Feb. 14—"Early Days on Manhattan Island"; Feb. 21—"The Life of George Washington"; Feb. 28—"Important Battles of the Revolutionary War."

INTERESTING LIVE STOCK.

The adult red-shouldered hawk, *Buteo lineatus* L., found in a physically poor state near the Clove Lakes by the Boy Scouts of Troop 1, St. George, and brought to the Museum on Jan. 11, 1913, has been sent to the Bronx Park, owing to our lack of means here for his proper care. After his stay of over three weeks with us he became almost normal, although he never learned to eat of his own volition, owing to our lack of mice and other live food. At feeding time it was necessary to catch the hawk, hold him under one's arm and force six or eight pieces of raw beef down the bird's throat. During these forced meals the feeder had constantly to be on guard lest the hawk make a successful strike with his powerful talons. The writer still bears three small blue scars resulting from wounds inflicted on an occasion when he was imprudent enough to take hold of the bird with bare hands instead of protecting them with heavy gloves.

A less vicious and more entertaining member of the feathered tribe is still receiving food and shelter at our hands, although he, like the hawk, is too large to be placed on exhibition. He is a great black-backed gull, *Larus marinus* L., and on different parts of the coast flies under the various names of minister gull, saddle-back and coffin-carrier, by reason of the slaty black which covers not only the back but the upper surface of the wings in adult birds.

The minister gull is a much larger and more northern species than the harbor or herring gull, *Larus argentatus* Pont., seen in such numbers in New York Harbor during winter, and nests only as far south as Nova Scotia in America and 50° north latitude on the European coasts. In winter, however, the black-back moves southward along the Atlantic seaboard, becoming common on the south shore of Long Island and at other localites during severe cold spells while stragglers occasionally get as far down as Chesapeake Bay and even Florida, and some may be seen regularly off the south shore of Staten Island and in New York Harbor.

The museum specimen is an adult bird and was caught by the writer at Long Beach, L. I., on Jan. 26 last. The gull had received a shot wound in the side of the head near the bill, could fly but a short distance and would likely have perished of hunger and exposure had he been left on the open shore. He now seems much improved in health and is surprisingly tame. He eats fish and raw meat, for both of which his capacity is startling. Already (Feb. 8) he has consumed a pound of eels, three pounds of cod steaks, a pound of smelts and much raw beefsteak. It is a mere trifle for him to gulp down a 17-inch eel whole or to put away about a half-pound of cod steaks at a single meal. Fish that are tossed to him he catches in mid-air as a dog would catch a piece of meat. We expect if we retain the black-back as a live specimen long that keepers of fish markets and meat shops hereabouts will prosper exceedingly.

H. H. C.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 56. Published Monthly at New Brighton, N.Y. MARCH, 1913

THE NEXT MEETING OF THE ASSOCIATION

will be held in the assembly hall of the museum, 154 Stuyvesant Place, St. George, on Saturday evening, March 15, 1913, at 8:15 o'clock. Mr. Alanson Skinner, honorary curator of the department of anthropology and archeology, will deliver an illustrated lecture on "The ethnology of the American Indian."

J. Q. ADAMS,
Acting Secretary.

The attention of members of the Association is invited once more to the dinner which will be held at Hugot's on the evening of March 25. The price has been fixed at $2.00 in order to induce a large attendance, and it is hoped that members will try to dispose of some tickets among persons who are interested in the Association although not actually enrolled therein. The list of guests includes a number of eminent men, and the addresses are sure to be worthy of the occasion. As it is imperative that the number of diners should be known in advance, in order that proper provisions should be made, the committee in charge earnestly requests all who wish to attend to make reservations not later than March 18.

A loan exhibit of more than usual interest will be on view for the first time on the evening of the Association meeting, March 15, and thereafter will be open to the public during the regular museum hours. It consists of a collection of pastels and water colors by American artists, many of local prominence. The pictures will be displayed in the main hall and in the art room. Arrangements for the exhibit have been made by Mrs. Robert W. Gardner, of the art loan committee. under the general direction of the honorary curator, Dr. Adams. A list of the exhibitors follows:

Mrs. E. M. Scott, Vice President of the Water Color Club, Miss Helen Phelps, Vice President of the Woman's Art Club, Miss Charlotte Coman, Mrs. Winthrop White, Miss C. C. Mase, Mrs. Robert W. Gardner, Mr. Frederick Marshall, Mr. Otto Wigand, Mr. Leon Dabot, Mr. Jerome Myers.

Accessions to the museum and library were received during January and February from the following: Howard R. Bayne, Howard H. Cleaves, William T. Davis, Arthur Hollick, Ralph McKee, C. L. Pollard, Mrs. E. R. Pollard, John Rader, Whitman Saunders, Alanson Skinner, M. E. Stone, L. L. Tribus, Frank Watson.

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MUSEUM BULLETIN

OF THE

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BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 57. Published Monthly at New Brighton, N.Y. APRIL, 1913

THE NEXT MEETING OF THE ASSOCIATION

will be held in the assembly hall of the museum, 154 Stuyvesant Place, St. George, on Saturday evening, April 19, 1913, at 8:15 o'clock. The program will consist of a symposium of "Museum Extension Work." Mr. Howard H. Cleaves will speak on "The museum lectures," and Mr. Charles L. Pollard on "The museum and Boy Scouts," both addresses illustrated by means of the steropticon. There will follow a general discussion of methods by which the museum activities may be extended, and all members are invited to participate.

J. Q. ADAMS,
Acting Secretary.

The majority of the loan collection of pictures on the first floor will remain until after the meeting of the Association next Saturday. Those who have not yet seen the collection should avail themselves of the opportunity on that evening.

The Board of Trustees elected the following new members of the Association on April 12: Miss Theodora Lins, Miss Carolyn C. Mase, Mr. John May, Mrs. John May, Mrs. F. Winthrop White, New Brighton; Mr. Frederick Marshall, Great Kills; Mr. Wm. C. Rowland, Stapleton; Mr. Edgar L. Benjamin, Port Richmond; Mr. Guy Pene du Bois, West New Brighton.

The museum has received from Mr. Charles Humphrey a gift of about 1500 mounted plants collected in the vicinity of Ithaca, N. Y., being a nearly complete representation of the flora of that region, in so far as the ferns and seed plants are concerned. This addition to our herbarium is very acceptable, and comes most opportunely, as the new metal insect-proof cases ordered early in the year, have recently been received.

Another interesting accession includes a finely executed sampler of 1820 and a pair of bronze candlesticks, replicas of early Pompeian models. These were the gift of Mr. William Standerwick.

The Scouts have prepared the museum grounds for planting and an appropriation has been made by the trustees to purchase flower seeds. A space at the back of the garden has been given to the boys, who are practising intensive farming with a wide variety of crops.

Accessions during March were received from the following persons: American Museum of Natural History, Mrs. Bainbridge, Miss Laura Barrett, Howard H. Cleaves, Wm. T. Davis, Mrs. W. W. Grant, Mrs. H. D. Joy, G. A. Skrzyneki, John Rader, L. L. Tribus, Sidney Young.

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MUSEUM BULLETIN

OF THE

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BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 58. Published Monthly at New Brighton, N. Y. MAY, 1913

LIBR
NEW
BOT
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THE ANNUAL MEETING OF THE ASSOCIATION

will be held in the assembly hall of the museum, 154 Stuyvesant Place, St. George, on Saturday evening, May 17, 1913, at 8:15 o'clock. Reports of officers and of the Board of Trustees will be presented, and five trustees will be elected to fill vacancies caused by the expiration of the terms of Messrs. John Q. Adams, John De Morgan, Stafford C. Edwards, James R. Walsh and William G. Willcox.

J. Q. ADAMS,
Acting Secretary.

At the meeting of the Section of Art on Friday evening, April 11, 1913, the following officers were elected: Chairman, J. Q. Adams; Vice-chairman, Frederick Marshall; Recorder, Miss Agnes L. Pollard.

The museum Boy Scouts of the St. George troop gave a very successful entertainment and exhibition of scoutcraft in the Unitarian Parish-Hall on May 3. Addresses were made by President Howard R. Bayne and by Mr. Lorillard Spencer, Scout Commissioner of the New York City Council, who expressed himself as much pleased with the excellent showing made by the boys. The troop has been asked to co-operate with the committee on tree preservation of the Staten Island Civic League.

One day last week the museum was called up on the telephone by a gentleman who has contributed specimens at various times. He stated that a large lizard had been washed ashore on the beach and suggested that it might be desirable for the museum. When the animal was brought in it proved to be a West Indian iguana about four feet long, in fairly good condition. It had probably formed part of a cargo of live animals and having died on the voyage was cast overboard as the ship neared port.

The iguana is a characteristic reptile in Cuba and other West Indian Islands. It is entirely harmless, being entirely vegetarian in its food, and its flesh is quite highly esteemed, being said to have the flavor of chicken.

Accessions during April were received from Miss Laura Barrett, Howard R. Bayne, Carl Bloemstrom, Brooklyn Public Library, Buffalo Society of Natural Sciences, Carnegie Institute, Mrs. Hobart Clark, Howard H. Cleaves, Sir Edward Durning Lawrence, Arthur Hollick, Charles Humphrey, Charles Janet, Ralph McKee, Municipal Art Commission, C. E. Olsen, Charles L. Pollard, Robert G. Shaw Post, G.A.R., Alanson Skinner, G. A. Skryzneki, William Standerwick, Raymond Wheeler, U. S. Department of the Interior.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 59. Published Monthly at New Brighton, N. Y. JUNE, 1913

At the annual meeting of the Association held on May 17, Mr. Edward W. Brown was elected a trustee for three years to succeed Mr. John De Morgan, resigned. Messrs. J. Q. Adams, William G. Willcox, James R. Walsh and Stafford C. Edwards were re-elected for a similar term.

The Board of Trustees held its annual meeting on May 24 and re-elected its officers. The following were elected members of the Association: Charles S. Taber, Raymond Perry, New Brighton; Mark Wiseman, West New Brighton; A. E. Hansen, Brighton Heights.

The Board also established the Section of Engineering upon the petition of five members of the Association, Messrs. George L. Mitchell, John Rader, L. McC. L. Mitchill, W. H. Mitchill, James R. Walsh.

The Section of Art held a reception in the museum on the evening of May 29 to celebrate the opening of the summer loan exhibit of paintings. Guests were received by the ladies of the Loan Exhibit Committee, and a brief address was made by Dr. J. Q. Adams, chairman of the section and honorary curator of art.

With the exception of three paintings, placed in the art and archeology room on the first floor, the pictures are hung in the assembly room, which has been converted into a fairly acceptable art gallery by the erection of muslin covered frames, giving a uniform backing. While the window lighting is unsatisfactory, the paintings are effectively displayed under the overhead electric lights. The exhibit will be open until fall, and should be seen by every resident of the island.

At the annual convention of the American Museums Association, in Philadelphia, the curator-in-chief read the paper on "The Museum and the Boy Scout," which was given before the Association at the April meeting. Apparently the Staten Island Museum enjoys the distinction of being the only institution in the country which maintains a troop of scouts in affiliation with it. The Philadelphia Commercial Museum is conducting special courses of lectures for the scouts in that city, and there is reason to believe that this co-operation will be extended, especially with the development of industrial museums.

Mr. Cleaves is now spending his vacation in the vicinity of Charleston, South Carolina, where he will take photographs and make collections for the museum. Mr. Pollard will be away in July, and will conduct a camp for the St. George Troop of Scouts at Lake Hopatcong during the first two weeks; after that he will make collections for the museum at various points.

Accessions during May were received from the following persons: Philadelphia Academy of Natural Sciences, Brady Bros., W. T. Davis, E. C. Delavan, Jr., Frederick Forde, C. G. Hine, G. K. Noble, Sanderson Smith, W. G. Willcox, Leland Wincapaw.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 60. Published Monthly at New Brighton, N. Y. JULY, 1913

With several members of the staff away on vacations, the scouts in camp, and no meetings to announce, there is but little news for the Bulletin to chronicle. The midsummer dullness does not, however, seriously affect the attendance, for not a few visitors from Manhattan and Brooklyn stop for a glimpse at the Museum exhibits before going on to South and Midland Beaches, and the loan exhibit of pictures attracts many Staten Islanders who would not usually visit the museum during the summer months.

In speaking of the picture exhibit it may be of interest to note that the two paintings which have proved the most universally popular with both children and adults are Leon Dabo's "Evening," and Miss M. O. Kobbé's dainty little pastel of "Philip F. Kobbé, 3rd."

RECENT BIRD OBSERVATIONS.

Notwithstanding the many forces, such as forest and meadow fires, the cutting of timber, the building of houses and roads, the draining of marshes, etc., which have for years been working hardships upon the natural beauty and wildness of Staten Island, there have recently been discovered some rather remarkable and gratifying instances of the nesting among us of birds that have not remained here during the breeding season for a great many years. The explanation may be looked for partly in the fact that gunning, except during the rabbit season in the fall, has very largely been abandoned; but mention must also be made of private and semi-private tracts of land, little visited by the public in general, which the birds soon recognize as congenial nesting quarters. The Ocean View Cemetery near Oakwood Heights constitutes such an area and early in July it was noted that two pairs of fish hawks or ospreys were spending the season there, and one nest with two eggs was examined in the top of a dying chestnut on the fourth of the present month.

The occurrence of the fish hawks is noteworthy, but there are other nesting records, secured during the current year, which are not less so. Full account of these cannot of course be printed in this Bulletin, but will likely be forthcoming in some future issue of the Proceedings. Brief mention of the most important discoveries may, however, be made. It has long been supposed that we had but one pair of barn owls on the island, but the recent and exceedingly unfortunate killing of a female bird which was brought to the museum discloses the presence of a second pair, as the donor stated that the owl when shot was incubating a clutch of eggs.

On Decoration Day a pair of marsh harriers was noted near Great Kills, and judging from certain actions of the birds it was thought that they were nesting; but it was not until the 20 of July, after intermittent searches extending over seven weeks, that the nest, containing 4 half-grown young, was located.

Less than half a mile from the stronghold of the marsh hawks the old Mill Creek flows into the Great Kills and near its mouth the marsh grass is rank and tall. Here two clapper rails have remained from the first of the season and are under suspicion of having nested.

Quail are increasing, for an old one with young has been seen, and the familiar whistle of the Bobwhite may be heard in several parts of the island.

Birds need but little encouragement to become friendly with man, and in view of this the thought occurs that with the complete stopping of shooting and some effort in the direction of establishing shelters and feeding stations, Staten Island could be made a veritable Bird Sanctuary of over seventy square miles in extent.

H. H. C.

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OF THE

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BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 61. Published Monthly at New Brighton, N. Y. AUGUST, 1913

LIBRARY NEW YORK BOTANICAL GARDEN

Plans are now being made for the annual courses of school lectures to be given in the museum, and the curator-in-chief will welcome suggestions from members of the Association as to topics or speakers.

Fourteen members of the museum troop of Boy Scouts were in camp at Lake Hopatcong, N. J., with their scoutmaster, Mr. Pollard, from July 7 to 20. Camp Richmond was pleasantly located on Byram's Cove, and the outing was much enjoyed. Several of the boys completed a number of the requirements for first-class scout.

Mr. Pollard later visited Adirondack Camp on Lake George, where he gave an address on scout ideals before the fifty boys of the camp. He also made an inspection of the State Museum at Albany, and spent a week at Twin Lakes, Conn., securing collections for the museum.

Recent additions to our exhibit of live stock include two red bats, a pair of mud turtles and a diamondback terrapin, the latter caught on the island.

Four specimens of the large green mantis *Paratenodera sinensis* were recently taken in one afternoon in the museum garden. This curious insect is a native of the Orient, and was introduced at Philadelphia a few years ago, probably in nursery stock. Since that time it has been found in eastern New Jersey and on Staten Island.

The mantis form a distinct family of the order that includes the grasshoppers, crickets and cockroaches. They are chiefly confined to the tropics, only one native species occurring in the southern United States. They have the forelegs modified to form a pair of powerful clasping limbs, the inner edge armed with sharp teeth, and these weapons are used to capture prey somewhat like the claws of a lobster. The triangular head is set upon a slender stalk and may be turned in all directions. The insect often rears up in a peculiar posture, giving rise to the names "rearhorse" and "praying mantis." Many of the tropical species are large, and wonderfully adapted in color and form to resemble the foliage and flowers on which they are found. All are carnivorous, and frequently cannibalistic as well. It is probable that they are economically useful insects for this reason. The specimens in the museum have not yet developed wings, and will be kept alive until maturity if possible.

The summer loan exhibit of paintings will be removed early in October at the latest and those who have not seen this interesting collection are advised to visit the museum at the earliest opportunity. Besides its intrinsic merit the exhibit serves as an illustration of what might be accomplished if suitable accommodations could be afforded. Indeed the problem of disposing of our growing exhibits during the two years that remain of the city's lease on the premises is becoming acute.

Accessions during June and July were received from the following persons: Everett Lins, Frank Watson, Philip Dowell, H. H. Cleaves, Harold Decker, Peter B. Decker, Arthur Hollick, E. Chesley Allen and the State of New York.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

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BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 62. Published Monthly at New Brighton, N. Y. SEPTEMBER, 1913

In respect to the memory of the late Mayor William J. Gaynor, the museum will be closed to the public on Monday, September 22, until the hour of noon.

The stated fall meeting of the Board of Trustees will be held in the museum on Saturday evening, October 4.

The museum will open its educational work this season with a course of four High School bird lectures by Mr. Cleaves. The first of these will be delivered before the morning and afternoon assembly at Curtis High School on September 26, the topic being "Recollections of a Visit in the Green Mountains." The others will be given in the assembly hall of the museum on succeeding Fridays at 3:30 p.m. The subjects: October 3. "Studies in Nova Scotian bird life". October 10. "Camping among the birds of the Virginia coast." October 17. "A wonderful bird sanctuary 100 miles from New York." These lectures will be open only to high school students and to teachers. On October 24 the regular Friday lectures for grade school pupils will begin; the subjects for the first course of these will be announced in the next issue of the **Bulletin.**

In the death of Edward Lyman Morris, which occurred at his home in Brooklyn on September 14, the museum fraternity has lost an able and conscientious worker, a man of conspicuous integrity and high moral ideals, whose career was rich in promise of successful achievement.

For the last six years Mr. Morris had been curator of natural science in the Brooklyn Central museum, and for a year previous to the appointment of the present curator-in-chief, Mr. Fox, he administered the museum as acting curator-in-chief. During that period he did much to bring the study collections, especially the herbarium, to a higher degree of efficiency for study and research work. He was always liberal and generous in his policy toward other curators, and our own museum has profited in many instances through his courtesy. In January of the present year Mr. Morris delivered an illustrated lecture before the Association on "Plant life in the desert."

The writer has been an intimate personal friend of Mr. Morris for nearly twenty years, especially during the long period in Washington when both were associated in scientific work and in the organization of the Washington Biologists' Field Club. In the grief that is felt at his death in the height of his career, there is comfort in the memory of a winning and sincere personality, and of a noble and enduring friendship. CHARLES LOUIS POLLARD.

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MUSEUM BULLETIN

OF THE

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BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 63. Published Monthly at New Brighton, N. Y. OCTOBER, 1913

THE NEXT MEETING OF THE ASSOCIATION will be held in the assembly hall of the museum, 154 Stuyvesant Place, St. George, on Saturday evening, October 18, 1913, at 8:15 o'clock. The program will be under the auspices of the Section of Art.

ARTHUR HOLLICK,
Secretary.

The museum troop of Boy Scouts has been enlarged by the addition of a fourth patrol, and now includes 31 boys.

In close proximity to the clamor of automobiles, trolley cars, wagons and the like at St. George one would naturally not expect to find any representations from the bird world except the English sparrow and European starling. The following list of 34 species observed on and from the museum grounds since March, 1911 (given in the order of their appearance), may, therefore, prove a source of astonishment to some readers of the Bulletin; and should induce those bird lovers who are surrounded by adverse conditions to cultivate, nevertheless, a receptive ear and a keen eye, for our feathered favorites seem to persist now and then in penetrating to the very heart of our settled midst:—English or house sparrow, European starling, Herring gull, American crow, song sparrow, chipping sparrow, robin, barn swallow, red-eyed vireo, redstart, fish hawk, tufted titmouse, sparrow hawk, loon, sharp-shinned hawk, chimney swift, blue jay, black-crowned heron, tree swallow, ruby-throated hummingbird, common tern, kingfisher, black-poll warbler, myrtle warbler, brown creeper, Canada goose, bluebird, Baltimore oriole, flicker, goldfinch, black tern, downy woodpecker, night hawk, white-throated sparrow.

H. H. C.

It may be of interest to the members of the Association to know that the attendance at the loan exhibit of pictures shown during the summer in the assembly hall of the museum was 1121.

Accessions to the museum and library during August and September were received from the following persons: Miss Annie Bainbridge, Miss Laura A. Barrett, Hon. Howard R. Bayne, B. E. Burkman, Dr. Frederick Coonley, Howard H. Cleaves, William T. Davis, Harold Decker, Kenneth Decker, Frederick Forde, Cary Harrington, J. Blake Hillyer, Dr. Arthur Hollick, Mrs. W. Knauth, G. K. Noble, P. O'Malley, Mrs. W. V. Osborn, C. L. Pollard, Miss M. J. Rathbun, Alfred Saunders, Robert Sickle, Raymond Wheeler, Arthur Young, Sidney Young.

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BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 64. Published Monthly at New Brighton, N. Y. NOVEMBER, 1913

LIBR NEW BOT GARI

THE NEXT MEETING OF THE ASSOCIATION

will be held in the assembly hall of the museum, 154 Stuyvesant Place, St. George, on Saturday evening, November 15, 1913, at 8:15 o'clock. Mr. Howard H. Cleaves, assistant curator, will deliver an illustrated lecture on the topic, "Bird Studies on the Atlantic Coast."

The next stated meeting of the Board of Trustees will be held on Saturday evening, December 6, 1913.

ARTHUR HOLLICK,
Secretary.

The final lecture of the high school course in the museum was cancelled, as the stereopticon could not be used during the week in which the Richmond Light and Railroad Company was without power. The first course of grade school lectures began on November 7. The topics for the remainder of the month are as follows: November 14, "Alaska;" November 21, "The West Indies;" November 28, "South America." These lectures are given by Mr. Cleaves on Friday afternoons at 4 o'clock. They are open to all children above grade 3. The slides for this course have been kindly lent by the Department of Education.

The exhibits in the art and archeology room have been re-arranged and now include one case devoted to Staten Island historical relics, a case containing Colonial, Revolutionary and Confederate paper money, and a display of the various medals issued in commemoration of the "safe and sane" Fourth of July celebrations of the past three years, the latter being the gift of Mr. J. Blake Hillyer. There is also an exhibit of tiles from the old Mexican churches and from one or two other sources.

The live pets in the children's room now include a lively young alligator, the gift of Mrs. W. V. Osborn, through Charles Kipper.

Accessions were received during October from the following: Art Commission of the City of New York, Hon. Howard R. Bayne, Charles Broughton, John Callahan, Howard H. Cleaves, Armour Johnston, Charles Kipper, Everett Lins, Mrs. C. E. Townsend, J. G. Thompson.

Entered as 2d-class matter in the P.O. at New Brighton, N. Y., under Act of Congress, July 16, 1904

MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY CHARLES LOUIS POLLARD, CURATOR-IN-CHIEF

No. 65. Published Monthly at New Brighton, N. Y. DECEMBER, 1913

THE NEXT MEETING OF THE ASSOCIATION will be held in the assembly hall of the museum, 154 Stuyvesant Place, St. George, on Saturday evening, December 20, 1913, at 8.15 o'clock.

ARTHUR HOLLICK,
Secretary.

Mr. Charles L. Pollard has resigned the curatorship in chief of the museum, which he has held for the past six years, and will be succeeded on January 1, 1914, by Dr. Arthur Hollick, now curator at the New York Botanical Garden. Dr. Hollick has been secretary of the Board of Trustees for many years, and has also been honorary curator of geology since the museum has been organized.

Mr. Pollard will devote himself to work with the Boy Scouts of America, as Deputy Scout Commissioner for Staten Island.

The loan collection now on view in the Museum contains many objects of historic interest. To choose a few for mention: there is a graceful silver pitcher dated 1848 and presented to Commander Timothy Greene Benham for "distinguished and nautical skill"; a punch bowl said to have been used by Lord Howe at a historic conference in the Billopp House; a Louis Phillippe glass; a champagne glass used by Lafayette on board the "Brandywine"; old French pitchers in use at the time of the Edict of Nantes; a souvenir dish of the war of 1812; and various pieces of colonial glass and silver. The old blue china includes a pilgrim plate, a states plate, a 17th century Dutch tile, and two Lafayette platters. Among the choice bits of jewelry are old English brooches of aquamarine and of pink amethyst, turquoise earrings belonging to Martha Washington, old seals, bracelets, watch fobs, quaint hair jewelry, carved ivory, cameos, and a fine old Norman cross of chased gold. There are also some delightful old prints, miniatures and silhouettes, and a large and attractive collection of samplers. Mrs. W. F. Hunt loans lamps of many types, including French and Dutch specimens of the 15th century, colonial whale oil lamps from Gloucester, Newbury and Falmouth, a Flemish lace workers' lamp, a tiny bronze one from Greece, and, quaintest of all, a wooden one from Holland. Others who contributed to the exhibit, which was arranged by the Committee on Art Loan Exhibits, are as follows: Mrs. J. Q. Adams, Mrs. G S. Barnes, Mrs. Willis Barton, Mrs. Howard R. Bayne, Miss Louise Bedell, the Benham family, Miss Florence Britton, Mrs. J. S. Burger, Mrs. J. G. Clark, Miss S. Gertrude Clark, Mrs. Clinton Connor, Mrs. Crowell Connor, Mrs. Charles Jacobson, Miss Ida Dudley Dale, Anna S. Decker, Mrs. William Flake, Mrs. Mary Boehm Fuentes, Mrs. Robert W. Gardner, Miss M. E. Garretson, Miss Hall. Miss Alice Kennedy, Mrs. T. L. Kennedy, Mrs. John Mersereau, Miss Louise Moore, Mrs. Robert Newbolt, Mrs. Eugenia Winant Scharbach, Mrs. Henry Fitch Taylor, Miss Margaret Tysen, Mrs. Park J. White, Miss Annie F. Wood.

E. M. P.

DEC 29 1913

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY ARTHUR HOLLICK, CURATOR-IN-CHIEF

No. 66. Published Monthly at New Brighton, N. Y. JANUARY, 1914

THE NEXT MEETING OF THE ASSOCIATION.

will be held in the assembly hall of the museum, 154 Stuyvesant Place, St. George, on Saturday evening, January 17, 1914, at 8:15 o'clock. Dr. Arthur Hollick, curator-in-chief, will deliver a lecture on "Swamps, ancient and modern," illustrated by lantern slides.

ARTHUR HOLLICK,
Secretary.

In the main entrance hall of the museum may be seen a unique piece of pen and ink work, done by Mr. J. E. Paine about fifty years ago, and loaned by Mrs. E. A. Low. It consists of a beautifully handwritten and engraved copy of Lincoln's emancipation proclamation.

MIDWINTER BIRD LIFE ON STATEN ISLAND.

Except for the English sparrows and the starlings that solicit support in our back yards and the herring or harbor gulls that are seen from the ferry-boats, what bird life would one expect to encounter about our Island at this severe season when the mercury creeps down toward zero and penetrating blasts descend upon us from the northwest? We are apt to suppose that practically all wild birds have sought southern latitudes at the approach of winter, but a careful search in woodlands, hedgerows, meadows and along the ocean shore will reveal a surprising bird population at any time during the winter.

The Christmas Bird Census has come to be a fixed event with hundreds of observers throughout the country, their object being to furnish an index to the bird life present in all sections of the United States at the Christmas season. Each person or group of persons engaged in the pastime takes to the field at an early hour, covers an extensive and varied territory and keeps an exact record not only of the different kinds of birds observed but of the individuals of each kind, thus producing a real census of the bird population of a given region. Following is a list of birds noted by the writer while taking the Christmas Census for Staten Island on December 28, 1913:—

> Prince's Bay to New Dorp, Staten Island, 8 a.m. to 5 p.m. Temperature 20 F (rising several degrees during the day); ground, bare and frozen; sky, hazy; wind, light N.W. Crow, 45; Starling, 377; Herring Gull, 431; Bufflehead, 2; Goldeneye, 18; Blue Jay, 8; Oldsquaw, 10; Tree Sparrow, 34; Song Sparrow, 4; White-breasted Nuthatch, 3; Junco, 27; Chickadee, 3; Tufted Titmouse, 3; Cardinal, 3; Robin, 1; Sparrow Hawk, 1; Downy Woodpecker, 2; Saw-whet Owl, 2; Red-shouldered Hawk, 1; Barred Owl, 1; Myrtle Warbler, 8; Marsh Hawk, 3; Meadowlark, 7; Bonaparte's Gull, 5; Great Black-backed Gull, 1; Greater Scaup Duck, 1; Ipswich Sparrow, 2; Sharp-shinned Hawk, 1; Barn Owl, 1; Long-eared Owl, 3. Total, 30 species; 1008 individuals.

English Sparrows are barred from the census. A notable feature of the above list is that it contains eight birds of prey—four hawks and four owls.

H. H. C.

Accessions to the Museum and Library were received during November and December from the following persons: J. W. Angell, Robert A. Bishop, Mrs. E. C. Bridgman, H. H. Cleaves, Wm. T. Davis, Harold K. Decker, Alexander Forsyth, Arthur Hollick, Charles Kipper, Charles La Point, Mrs. E. A. Low, John McCaughrey, John B. Pearson, C. L. Pollard, Alfred Saunders, Arthur Saunders, Sanderson Smith, S. McK. Smith, John Wort, Sidney Young.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY ARTHUR HOLLICK, CURATOR-IN-CHIEF

No. 67. Published Monthly at New Brighton, N. Y. FEBRUARY, 1914

The next meeting of the Association will be held in the assembly hall of the Museum, No. 154 Stuyvesant Place, St. George, on **Saturday evening, Feb. 21, 1914,** at 8:15 o'clock. Dr. Albert Warren Ferris, Medical Expert of the New York State Reservation at Saratoga Springs, will deliver an address, illustrated by lantern slides, upon the general features of the reservation and the chemical and hygienic factors in connection with the springs.

The list of Friday afternoon lectures given during January at the Museum for school children was as follows: January 9, "Glaciers and Icebergs," Dr. Arthur Hollick; January 16, "Staten Island Indians," Mr. Alanson Skinner; January 23, "Hot Springs and Geysers," Dr. Hollick; January 30, "Among the Seneca Indians," Mr. Skinner.

The attendance at these lectures was exceptionally large, and the list prepared for February promises to be highly interesting and will no doubt attract large audiences. The subjects and speakers are as follows: February 6, "Mexico and Central America," Mr. C. H. Rogers; February 13, "Staten Island Fishes," Mr. John T. Nichols; February 20, "Big and Little Animals of the Yellowstone," Mr. J. M. Johnson; February 27, "The Rocky Mountain Region of Colorado," Mr. A. E. Butler.

The interesting collection of historical china and jewelry, silhouettes, old portraits and samplers, which was placed on view early in December by the Committee on Art Loan Exhibits, will remain in the Museum until the first of March; and all members who have not already seen this exhibit should take advantage of the extension of time to do so.

Two female opossums (Didelphis Virginiana Kerr) have been presented to the museum by Mrs. A. Hacker, of New Brighton. If means can be found of exhibiting the creatures they should attract wide attention, for this mammal is perhaps as curious as any found hereabouts. The opossum is a marsupial (pouched animal) and although there are several species of opossum in tropical America, all other animals that carry their very young offspring in a fold or pouch of the skin are confined to Australia, and the common opossum is the sole representative in this portion of the United States. The Museum specimens were brought from Virginia when several weeks old and are now about six months of age.

"The Staten Island Women Teachers' Club extends a cordial invitation to the officers and members of the Staten Island Association of Arts and Sciences to attend the regular meeting of the Club, Friday evening, February 20, 1914, at 8 o'clock, at the Woman's Club House, 288 Richmond Terrace, New Brighton.

"Mr. and Mrs. William Brewster Humphrey of the American Indian League will give the songs of the Indians and a talk upon their arts."

(Signed) CLARA H. WHITMORE,
President S. I. Women Teachers' Club.

Additions to the collections of the Museum and library have been received during the last month from Mary Beyer, B. J. Carroll, Arthur Hollick, William J. Homer, Wm. H. Vette and Fred Wessels.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY ARTHUR HOLLICK, CURATOR-IN-CHIEF

No. 68. Published Monthly at New Brighton, N. Y. MARCH, 1914

THE NEXT MEETING OF THE ASSOCIATION.

will be held in the assembly hall of the museum, 154 Stuyvesant Place, St. George, on Saturday evening, March 21, 1914, at 8.15 o'clock. Mr. Alanson Skinner will deliver a lecture on "Habits and Customs of the Forest Indians," illustrated by lantern slides.

ARTHUR HOLLICK,
Secretary.

An effort has been made to render the general appearance of the museum more attractive by the hanging of framed subjects of local interest on the wall space of the stairway leading from the first to the second floor. Photographs of the Billopp House taken in 1902 and 1886, and an old woodcut representing it as it appeared in 1844, show the gradual deterioration of the historic old house, and the necessity for immediate action if it is to be saved as an historical relic. Two old lithographs, one representing St. George, which accompanied a prospectus of the St. George Improvement Co., issued about 1872, and one representing New Brighton, as viewed from Constable Hook, N. J., issued by the New Brighton Association in 1836, show the vast difference in the appearance of our shore front at those dates as compared with to-day. There are also photographs of the Austin house at Clifton, the Latourette homestead at Richmond, and the Bedell homestead, the latter no longer in existence. Other pictures show Tompkinsville and New Brighton from Pavilion Hill, as they looked in 1875, and Fort Hill from the upper end of Fort Place, also photographed in 1875. One of the most stirring events in our local history is recalled by a picture of the quarantine grounds and buildings at Tompkinsville as they appeared in 1858, and a poster, dated September 2, 1858, calling a meeting of the citizens of Richmond County to celebrate the burning of the hospital and other buildings in the grounds on the previous evening, "and to transact such other business as may come before the meeting." Panoramic views, one taken from the top of Todt Hill and one from the Fox Hill golf links in 1898, show the characteristic topographic features of those regions, and two views of the Narrows from the old British Fort at the upper end of Fort Place, one taken in 1850, the other in 1875, show many changes in the residences and other buildings between those dates.

It is interesting to note that one of the old posters relating to the burning of the Quarantine, and other historical data connected with that event in the possession of the Association, were made the basis of an illustrated article in the New York Herald, Sunday, March 8, 1914.

Accessions were received during February from the following persons: Howard R. Bayne, W. W. Grant, Arthur Hollick, Charles Kipper, Albert W. Lum, Albert Wornell.

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MUSEUM BULLETIN

OF THE

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BY ARTHUR HOLLICK, CURATOR-IN-CHIEF

No. 69. Published Monthly at New Brighton, N. Y. APRIL, 1914

THE NEXT MEETING OF THE ASSOCIATION

will be held in the assembly hall of the museum, 154 Stuyvesant Place, St. George, on Saturday evening, April 18, 1914, at 8:15 o'clock. Mr. Raymond Perry will deliver an address on "Illustration up to the minute," illustrated on the blackboard and by lantern slides.

ARTHUR HOLLICK,
Secretary.

The 1913-14 courses of lectures for school children at the museum ended with two talks on birds by Mr. Cleaves, March 6th and 13th. The subjects were: "Some Ways of Attracting Birds" and "Spring Birds on Staten Island"; and the attendance was 53 and 96, respectively.

Apropos of the Spring season and the return of the birds a special exhibit has been installed in the Local Biology Room on the first floor illustrating several types of bird houses and feeding stations. The display is designed to encourage visitors and members living in suitable localities to put out nesting boxes, however simple in construction, in an effort to persuade as many birds as possible to remain during the summer and nest on Staten Island.

One of the most interesting features of the exhibit are two examples of the nest boxes originated by Baron Hans von Berlepsch and put to such practical use on his estate at Seebach, Germany. These bird houses are made of natural logs, cut into sections of proper length, and hollowed out so as to resemble the home of the woodpecker. Of 2,000 boxes over 90 per cent. were reported occupied at the end of the second year on the von Berlepsch estate, and the trees on the grounds and for a quarter of a mile in all directions were kept remarkably free from insects owing to the presence of such unusual numbers of insectivorous birds. The German government was so impressed that an order for about 40,000 of the nesting boxes was issued in 1913, these to be placed in the national forests.

Three unique bird boxes and nesting devices have been loaned for the exhibition by Messrs. Charles Benedict and Everett Burkman. One is very appropriately called the " 'Silk Hat Harry' Bird House" and is made from an old opera hat; the second is made from a discarded shoe; while the third is a hinged bluebird house, so constructed as to allow easy access to the interior, both for the purpose of inspecting contents during the breeding period and for the easy removal of old nests in the fall. Other examples of nest boxes and some photos of feeding stations complete the exhibit. H.H.C.

Accessions were received during March from Howard R. Bayne, Wm. T. Davis, E. C. Delavan, Jr., Fred S. Ebertz, Francis McCallum, Ira K. Morris, Morton W. Smith.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY ARTHUR HOLLICK, CURATOR-IN-CHIEF

No. 70. Published Monthly at New Brighton, N. Y. MAY, 1914

THE ANNUAL MEETING OF THE ASSOCIATION

will be held in the assembly hall of the museum, 154 Stuyvesant Place, St. George, on Saturday evening, May 16, 1914, at 8:15 o'clock. Reports of officers and of the Board of Trustees will be presented, and five trustees will be elected to fill vacancies caused by the expiration of the terms of Messrs. William H. Mitchill, George S. Humphrey, Bradish J. Carroll, Norman S. Walker and Arthur Hollick.

ARTHUR HOLLICK,
Secretary.

During recent years the people of this country, and particularly of the northeastern states, have developed a remarkable interest in our native wild birds, especially with a view to their protection. As a result much legislation favorable to the birds has been enacted, bird refuges and sanctuaries have been established and hundreds of bird clubs and societies have been formed.

There are many people on Staten Island who have a keen interest in bird life and they are soon to organize the "Bird Lovers' Club of Staten Island." Mrs. Wilhelm Knauth, whose beautiful estate at Arrochar is in itself a veritable bird refuge, is chiefly responsible for bringing this interest to a focus.

The birds' principal enemies on Staten Island are man and the various destructive agents for which he is responsible. The fox, raccoon, skunk, opossum, mink, weasel and red squirrel are not now to be found here and, our territory being insular, there is no way in which these mammals can again gain a foothold. But we ourselves inflict worse hardships upon the birds than all of these destructive animals combined. There are many unscrupulous persons (especially foreigners) who destroy birds, their nests, eggs and young; there are actually thousands of cats on the Island, many having neither owners nor homes, and all of these felines sieze every opportunity to hunt afield, menacing and taking the lives of many of our most valuable and attractive feathered people; and annually the forest and meadow fires impoverish the Island—destroying the top-soil, killing wild flowers, shrubs and small trees and removing thickets—making our hills, ravines, meadows and woodlands less and less attractive to the birds as well as to ourselves.

The object of the Bird Lovers' Club will be not alone to correct some of the existing negative influences but to swing the pendulum in the other direction by inducing residents to place out nest boxes in spring, bathing pans in summer and food stations in winter, and in other ways making conditions as congenial as possible to the bird population. Prospective members need by no means feel that they must possess a knowledge of our wild birds: a love for the feathered folk and a desire to protect them and thus increase their numbers are all that is asked. H. H. C.

During April accessions were received from Miss Mary Beyer, Robert A. Bishop, H. H. Cleaves, E. C. Delavan, Jr., Philip Dowell, Alexander Forsyth, C. G. Hine, Roger Irving, Charles Kipper, Jonathan Martin, Raymond Morris, E. A. Smith and Sidney Young.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY ARTHUR HOLLICK, CURATOR-IN-CHIEF

No. 71. Published Monthly at New Brighton, N. Y. JUNE, 1914

At the annual meeting of the Association, held May 16, the following members were elected trustees: William Hinman Mitchill, George Scranton Humphrey, Francis Winthrop White, George Cromwell, Samuel McKee Smith.

At the annual meeting of the Board of Trustees, held May 23, the following officers of the Association for the year 1914-1915 were elected: President, Howard Randolph Bayne; first vice-president, William Thompson Davis; second vice-president, William Hinman Mitchill; treasurer, Charles Arthur Ingalls; secretary, Arthur Hollick.

The following committee appointments for the year 1914-1915 have been announced by the president:

Executive

William H. Mitchill, George S. Humphrey,
(The president, treasurer and secretary, ex-officio)

Auditing

John Rader L. R. E. Paulin

Publication

Philip Dowell William T. Davis
(The secretary, ex-officio)

Museum and Library

William T. Davis J. Q. Adams
William G. Willcox S. McK. Smith
Arthur Hollick

Accessions

J. Q. Adams James R. Walsh
F. Winthrop White

Women's Auxiliary

Mrs. Arthur Hollick Miss S. Gertrude Clark
Mrs. Clare H. Brown Mrs. James R. Walsh
Mrs. T. Livingstone Kennedy Mrs. Emily Sears
Mrs. C. A. Ingalls

Mr. Cleaves is spending a two weeks' vacation on Gardiner's Island and Martha's Vineyard, in continuation of his studies of birds, and we may expect to see some unusually good results on his return as, in addition to the camera with which so many of his well-known bird pictures were taken, he has with him, for this trip, a complete equipment for taking moving pictures. Mr. Harold Decker is with Mr. Cleaves as assistant.

Among the publications of practical economic importance recently received from the U. S. Department of Agriculture is Farmers' Bulletin No. 582, May 16, 1914, entitled "Uses for Chestnut Timber Killed by the Bark Disease." This is a pamphlet of twenty-four pages, with eight illustrations, written by J. C. Nellis, Forest Examiner in the Forest Service, and is to be regarded as authoritative on the subject treated. In view of the large amount of dead chestnut trees now going to waste on Staten Island, this pamphlet should be a welcome source of advice and information. The owner of dead chestnut trees, who may wish to learn of markets for products which he can manufacture himself, or of an operator who can handle his standing timber for him, should address the New York State Conservation Commission, Albany, N. Y.; or for detailed information in regard to managing and utilizing a wood lot, application should be made to the Forest Service, U. S. Department of Agriculture, Washington, D. C.

On Sunday, June 7, a field day excursion to Cliffwood, N. J., arranged by Mr. Frank D. Tansley, president of the Patria Club of New York, was participated in by certain members of our Association and by delegates from the Brooklyn Institute of Arts and Sciences, the Brooklyn Garden, the Torrey Botanical Club and by members of the teaching staff in educational institutions of New York and vicinity. The total number in attendance was 63.

The Cliffwood locality is on the shore of Raritan Bay, a short distance west of Keyport. It is of special interest botanically on account of a series of hybrid oaks which grow there—*Quercus Rudkinii* Britton, a cross between the black-jack and the willow oak, and *Quercus heterophylla* Michaux, a cross between the red and the willow oak. These trees were discovered in 1881 and described by Dr. N. L. Britton in the Bulletin of the Torrey Botanical Club, vol. IX, Feb., 1882. Since that time dozens of botanists have visited the locality and examined the trees, and many seedlings have been raised and propagated from acorns collected from them, some of which, in the New York and the Brooklyn Botanical Gardens, are now thrifty and promising looking trees.

This locality is also of interest geologically by reason of the clay marl strata which are exposed in the face of the bluff fronting the Bay. These strata, comprising the Cliffwood formation of the New Jersey Cretaceous deposits, contain abundant fossil remains of marine animals and land plants, a number of specimens of which were collected.

After lunch, Mr. Tansley made a few remarks on the success of the excursion, and brief addresses were then delivered, on the geological features of the locality, by Dr. Arthur Hollick; on the botany, with special reference to the oak trees, by Mr. Norman Taylor of the Brooklyn Botanic Garden; on hybridization in general, by Professor R. A. Harper of Columbia University and Dr. C. S. Gager of the Brooklyn Botanic Garden.

More or less extended press notices of the excursion appeared on Monday, June 8, in the New York Evening Post and Globe, and the Brooklyn Eagle—the latter excellently illustrated.

During the month of May, accessions were received from Howard R. Bayne, T. A. Braniff, Wm. T. Davis, Mrs. E. Davis, Mrs. Theo. W. Davis, E. C. Delavan, Jr., Mrs. John A. Grossbeck, Arthur Hollick, Ralph McKee, Mrs. Mary Milliken, Wm. J. O'Breen, Stewart Ogilby, Henry Scharfenstein, Sanderson Smith, John T. Sprague, Miss Frances M. Tollett.

Among the accessions may be specially mentioned that contributed by Mrs. Milliken, inasmuch as space is available for its display, and it has attracted considerable attention and elicited many expressions of interest. This is a large, framed, colored lithograph, showing the Eighth Regiment, New York State Troops, on special duty at Camp Washington (now the site of the B. & O. freight yard at St. George), September 11 to 28, 1858, following the burning of the Quarantine buildings by the citizens of the Island on the nights of September 1 and 2 of that year. Jay street had not been established at that time, and the entire area from Stuyvesant Place to the water was a gently sloping plain, known as the "Brighton Flats," excellently adapted for a military encampment. The locality as depicted in this old lithograph would hardly be recognized by those who only know it as it is today.

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MUSEUM BULLETIN

OF THE

Staten Island Association of Arts and Sciences

EDITED FOR THE PUBLICATION COMMITTEE

BY ARTHUR HOLLICK, CURATOR-IN-CHIEF

No. 72. Published Monthly at New Brighton, N. Y. JULY, 1914

With the adjournment of the annual meeting of the Association on May 16 the formal routine activities of the Association ceased temporarily until the date of the next regular meeting in October.

On May 28 the Board of Trustees held a special adjourned meeting of its annual meeting to consider the budget estimates to be included in the application to be made to the Board of Estimate and Apportionment for the maintenance of the Museum during the year 1915, and a tentative budget was approved and adopted.

In the early part of the present month our members were agreeably surprised by the receipt of an invitation from Dr. N. L. Britton and Mr. Richard H. Britton, to attend a joint meeting with the members of the Torrey Botanical Club of New York, at Great Kills, on July 16, to assist in the inauguration of "Salt Water Day" on Staten Island, "for the study of marine and coastal flora and fauna." Mr. Sereno Stetson was authorized to sign the invitation for the Torrey Botanical Club and Dr. Arthur Hollick for the Staten Island Association of Arts and Sciences. Forty-five members and guests of the two organizations attended the function. All met at Sauer's pavilion at 10.30 a. m., from whence they were conveyed by motor boats to Crooke's Point, where about two hours were spent studying the topographic features—the sand spit and dune formations and the elongation of the Point to the south and its erosion at the northern end—and collecting zoological and botanical specimens, taking photographs, etc. The return trip was made at 12.30 p. m., and at 1.30 a fine shore dinner was served. After dinner brief addresses were delivered, by Professor Robert A. Harper, president of the Torrey Botanical Club, on behalf of that organization; by Mr. James R. Walsh, as a member of the board of trustees of the Staten Island Association of Arts and Sciences, on behalf of the Association; by Dr. Arthur Hollick, on the principal topographic features of Crooke's Point and their significance; by Dr. Marshall A. Howe, of the New York Botanical Garden, on the generic and specific characters of the sea weeds collected; and by Mr. Howard H. Cleaves, on the shore birds of the region. Mr. Frank D. Tansley, president of the Patria Club of New York, discussed "the amenities of nature," and Mr. Frank W. Skinner expressed the pleasure of the assemblage on the complete success of the day's program, and moved a vote of thanks to Dr. Britton and Mr. Richard H. Britton, for their courtesy in assuming all of the responsibilities of hosts for the day, which was carried unanimously. Subsequently the party divided. Some returned home by train and automobile. One contingent was taken by motor boats to the head of Mill Creek and from thence walked to Oakwood Station under the guidance of Dr. Hollick, and another, with Mr. Cleaves as guide, walked through the fields and woods to the Great Kills Station. Among others who attended were Mr. and Mrs. Anton W. Hoffmeyer, Mrs. Ethel L. Kraft, Mrs. James R. Walsh, Mrs. N. L. Britton, Miss Britton, Mrs. Arthur Hollick, Mrs. H. Prescott Wells, Mrs. Robert H. Pentz, Miss S. Gertrude Clark, Miss Leslie Spencer, Mr. S. M. Dix, Prof. Pietro Marzen, Mr. James C. Marriott, and Mr. C. M. Shipman, representing Staten Island; Dr. Frank E. Lutz of the American Museum of Natural History; Dr. Edgar W. Olive and Mr. Norman Taylor of the Brooklyn Botanic Garden; Dr. Fred J. Seaver and Mr. Percy Wilson of the New York Botanical Garden, and Dr. Frederick V. Rand of the U. S. Department of Agriculture.

As noted in the last Bulletin, the writer spent the last half of June on the coast to the north, following his usual avocation of securing photographs of birds. Gardiner's Island, N. Y., and the islands of Martha's Vineyard, Muskeget and Nantucket, Mass., were visited, but no pictures were secured on the last-named. The first three localities had been visited previously and the principal forms of bird life photographed with "still" cameras, the result being that on the present trip the motion picture outfit was used to the almost entire exclusion of the other three cameras. In all, two thousand feet of film were exposed, illustrating pretty thoroughly the home-life and nesting habits of the fish hawk, common tern or sea-swallow, laughing gull and least tern. A few odd "takes" of the young of such birds as the spotted sandpiper and piping plover and a number of "feet" of adult barn swallows were also made.

The taking of motion pictures of wild life under natural conditions is in many ways much more difficult than securing "still" pictures. The operator must always be with his instrument in order to turn the crank, while with a "still" camera many excellent pictures may be made by the use of a long thread to spring the shutter. The noise of the mechanism in the motion picture machine startles some of the more nervous subjects, and the uncertainty of predicting a bird's movements while in the field of focus makes it hard to be sure of a continuity of action.

It is hoped that these motion pictures of Atlantic coast bird life may be shown before the members of the Association during the coming winter season. H. H. C.

The writer spent three days of a week's leave of absence during June in and around Providence, R. I., visiting the Roger Williams Park Museum and the Rhode Island School of Design, where many courtesies were received from the staff of these two institutions.

The Museum is located in the heart of a beautiful park, several miles from the center of the city, where the birds are so abundant that the curator has only to go a few yards from the back entrance of the building to be able to photograph many life history scenes with which to illustrate his lectures to children during the winter season. As with our own museum, these lectures are strongly featured, and are popular and well attended. The Park Museum, through its reciprocal relations with the State Audubon Society, has the use of a large number of lantern slides and of popular books on birds and other natural history subjects which belong to the Audubon Society, this arrangement making possible a much larger choice of lecture subjects than we can compass with our limited collection of slides.

A small but perfect model of a Southern New England Indian village forms one of the most interesting exhibits in the museum, which arouses a desire to see a similar model illustrating the domestic life of our Staten Island Leni Lenapes installed as an addition to our permanent Indian exhibit.

The museum connected with the School of Design contains many beautiful and rare examples of art objects, but probably the most interesting, because the most unique feature of this museum, is the Pendleton House, so-called, which is a typical colonial house, connected by a doorway with the other galleries, and built especially to contain the collection of old mahogany furniture, china, etc., presented to the school by Mr. Pendleton, and arranged, not as a museum exhibit, but as a beautifully furnished home of the Georgian colonial period.

In this museum, as well as in almost all others through the country, stress is being laid on the instruction of the school children; the plan here being along the more personal lines of Docent service in the galleries, rather than by formal lectures.

Much could be written about the large and interesting plant of the School of Design, which is the third largest in the country, and which provides so much practical training for artisans that it might be called a vocational school as well as a school of design; but the limited space of our Museum Bulletin does not permit a longer description of the many suggestive and interesting details gathered during this brief visit. A. L. P.

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